

Supersedes Date
01/01/2023

Revision date
14/12/2023

Revision Number
1
Country-Language: FIN-EN

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name	NESSOL D60
Product Code(s)	10526
PR No	135159, 137411, 137420, 137511, 137520
Safet data sheet number	10526
Other means of identification	Previous product name: NESSOL LIAV 230. Previous product number: 752511, 752520.
REACH registration number	01-2119457273-39-0000
EC No (EU Index No)	918-481-9
Pure substance/mixture	Substance

Contains Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Manufacture of substance Distribution of substance Formulation & (re)packing of substances and mixtures Uses in coatings Use in cleaning agents Use in oil and gas field drilling and production operations Lubricant Metal working fluids/rolling oils Use as binders and release agents Use as a fuel Functional fluids Road and construction applications Other Consumer Uses Use in laboratories Explosives manufacture & use Polymer production Polymer processing Water treatment chemical Mining chemicals De-icing and anti-icing applications Propellant
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1.3. Details of the supplier of the safety data sheet

Supplier
Neste Oyj
Keilaranta 21, Espoo, P.O.B. 95, FIN-00095 NESTE, FINLAND
Tel. +358 10 45811
SDS@neste.com (chemical safety)

1.4. Emergency telephone number

Emergency Telephone No information available

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112
Denmark	Giftlinjen: +45 8212 1212
Estonia	Poison information telephone number: 16662, calling from abroad: (+372) 7943 794
Finland	+358 800 147 111, +358 9 471 977, Poison Information Centre
France	Numéro ORFILA (INRS) : + 33 (0)1 45 42 59 59.
Germany	+49 32 211121704, Chemwatch Emergency Response Phone Number
Italy	+39 800 177 870, Chemwatch Emergency Response Phone Number
Latvia	Valsts toksikoloģijas centrs: (+371 67042473.
Lithuania	Neatidėliotina informacija apsinuodijus: (+370 (5) 2362052.

Netherlands	NVIC (+31 (0)88 755 8000, Only for the purpose of informing medical personnel in case of acute intoxications.
Norway	Poison Information Centre +47 22 59 13 00.
Poland	+48 22 208 6439, Chemwatch Emergency Response Telephone Number
Spain	+34 965 02 04 58, Chemwatch Emergency Response Telephone Number
Sweden	När det är akut: 112, begär giftinformation. I mindre akuta fall 010-456 6700, Giftinformationscentralens direktnummer

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration hazard	Category 1 - (H304)
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2.2. Label elements

Contains Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics



Signal word

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements - EU (§28, 1272/2008)

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P501 - Dispose of contents/ container in accordance with national regulations

2.3. Other hazards

Combustible liquid. Evaporates slowly. Vapours may irritate throat and respiratory system. Risk of soil and ground water contamination.

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

This product does not contain substances considered to have endocrine disrupting properties at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics -	100	01-2119457273-39-00 00	918-481-9	Asp. Tox. 1 (H304)	-	-	-
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Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Additional information

Total aromatics at maximum 1,0 Weight %. Identity outside the EU (CAS number and name of the substance): 64742-48-9, Naphtha (petroleum), hydrotreated heavy Previous EC number: 265-150-3

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. If breathing is difficult, (trained personnel should) give oxygen. If symptoms persist, call a doctor.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation develops and persists.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give anything by mouth to an unconscious person. Get immediate medical attention. Delayed pulmonary edema may occur.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	Repeated exposure may cause skin dryness or cracking. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Dry chemical, CO ₂ , alcohol-resistant foam or water spray.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Combustible liquid. Containers may explode when heated.

Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Prevent fire extinguishing water from contaminating surface water or the ground water system. Wear positive pressure self-contained breathing apparatus (SCBA). Use personal protection equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Ensure adequate ventilation. Avoid breathing dust/fume/gas/mist/vapours/spray. Use personal protective equipment as required.

For emergency responders Prevent unauthorized access. Keep people away from and upwind of spill/leak.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Keep out of drains, sewers, ditches and waterways. Risk of soil and ground water contamination.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

Methods for cleaning up Immediately start clean-up of the liquid and contaminated soil. Take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large spills should be collected mechanically (remove by pumping) for disposal. Pay attention to the fire and health hazards caused by the product.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See Section 7 for more information. See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Advice on safe handling Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. This material is a static accumulator. Take precautionary measures against static discharges. Use only outdoors or in a well-ventilated area. Try to avoid product volatilization during handling and transferring. Avoid breathing vapours or mists. Avoid contact with eyes and skin. Use personal protection equipment. Use with local exhaust ventilation. During tank operations follow special instructions (risk of oxygen displacement and hydrocarbons).

General hygiene considerations When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Flammable liquid storage. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Store away from other materials.

Packaging materials Unsuitable container/equipment material. ∴ Butyl rubber. Rubber (natural, latex). Ethylene-propylene-diene monomer (EPDM). Polystyrene.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits Solvent naphtha, group 1: 500 mg/m³ (8h), HTP 2020/FIN. The individual limit values can be applied for the hydrocarbons.

Derived No Effect Level (DNEL) - Workers No information available

Derived No Effect Level (DNEL) - General Public No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls Provide adequate ventilation. Use personal protective equipment and/or local ventilation when needed. During tank operations follow special instructions (risk of oxygen displacement and hydrocarbons).

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear protective gloves. Change protective gloves regularly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Wear suitable gloves tested to EN 374. It is recommended that gloves are made of the following material: ∴ Nitrile rubber. Neoprene gloves.

Skin and body protection Protective clothing when needed. Wear anti-static protective clothing if there is a risk of ignition from static electricity.

Respiratory protection Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Filter must be changed often enough. Wear a

respirator fitted with the following cartridge: Gas filter. A2. At high concentrations a breathing apparatus must be used (self-contained or fresh air hose breathing apparatus).

General hygiene considerations When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Store in a demarcated bunded area to prevent release to drains and/or watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid	
Appearance	Mobile liquid	
Colour	clear	
Odour	Hydrocarbons. Mild.	
Odour threshold	No information available	
Property	Values	Remarks • Method
Melting point / freezing point	< -20 °C	Melting/pour point (ASTM D 5950)
Initial boiling point and boiling range	>= 175 - 225 °C	EN ISO 3405
Flammability	No data available	-
Flammability Limit in Air		
Upper flammability or explosive limits	~7 (calculated)	
Lower flammability or explosive limits	~0.6 (calculated)	
Flash point	>= 61 °C	EN ISO 2719
Autoignition temperature	> 200 °C	Estimated value
Decomposition temperature	-	-
pH	No data available	-
pH (as aqueous solution)	No data available	Not applicable
Kinematic viscosity	<3 mm ² /s @ 40 °C	ASTM D 7042
Dynamic viscosity	< 50 mPa s	@ >- 30 °C
Water solubility	The product has poor water-solubility (~ 10 mg/l)	-
Solubility(ies)	-	-
Partition coefficient	log Kow: > 3	-
Vapour pressure	0,05 kPa @ 20°C ~ 2 kPa @ 50°C	-
Relative density	~0.8	@ 15 °C (ISO 12185)
Bulk density	-	-
Liquid Density	-	-
Relative vapour density	> 3	. (air = 1)
Particle characteristics		
Particle Size	Not applicable	
Particle Size Distribution	Not applicable	

9.2. Other information

9.2.1. Information with regards to physical hazard classes

Explosives No

Oxidising properties Does not meet the criteria for classification as oxidising

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and open flame. static discharge (electrostatic discharge).

10.5. Incompatible materials

Incompatible materials Oxidising agent.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Numerical measures of toxicity

Based on available data, the classification criteria are not met

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	>15000 mg/kg bw, rat (OECD 401)	>3160 mg/kg bw, rabbit (OECD 402)	> 6100 mg/m ³ , Rat (4h) (OECD 403)

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met. (OECD 404). Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met. (OECD 405).

Respiratory or skin sensitisation As a precaution the product should be treated as a sensitiser. (OECD 406).

Germ cell mutagenicity	Based on available data, the classification criteria are not met. (OECD 471, 473, 476, 479, 474).
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met. (OECD 408, 413).
Aspiration hazard	May be fatal if swallowed and enters airways. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties	This product does not contain substances considered to have endocrine disrupting properties at levels of 0.1% or higher.
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11.2.2. Other information

Other adverse effects	No information available.
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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	Based on available data, the classification criteria are not met.
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Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	OECD 201, Pseudokirchneriella subcapitata, 72 hours: EL50: > 1000 mg/l, NOELR: 1000 mg/l	OECD 203, Oncorhynchus mykiss (Rainbow trout), 96 hours: LL50: > 1000 mg/l, LL0: 1000 mg/l QSAR, Oncorhynchus mykiss (Rainbow trout), 28 days: NOELR: 0,101 mg/l	QSAR, Tetrahymena pyriformis, 48 hours: > 1000 mg/l, (QSAR)	OECD 202, Daphnia magna, 48 hours: > 1000 mg/l LL0, EL0: 1000 mg/l EPA OPPTS 850.1020, Marine Water, 96 hours: LL50: > 1000 mg/l NOELR: 32 mg/l QSAR, Daphnia magna, 21 days: NOELR: 0,176 mg/l

12.2. Persistence and degradability

Persistence and degradability	Can be photodegraded in the atmosphere. The product contains volatile substances which
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may spread in the atmosphere.

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (-)

Method	Exposure time	Value	Results
OECD Test No. 301F: Ready Biodegradability: Manometric Respirometry Test (TG 301 F)			Rapidly biodegradable

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

12.4. Mobility in soil

Mobility in soil Evaporates slowly. The product contains substances which are bound to particulate matter and are retained in soil. Product can penetrate soil until reaching the surface of ground water.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

12.6. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain substances considered to have endocrine disrupting properties at levels of 0.1% or higher.

12.7. Other adverse effects

Risk of soil and ground water contamination.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. When handling waste, the safety precautions applying to handling of the product should be considered.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

Note: This material is not subject to regulation as a hazardous material for shipping

IMDG

14.1 UN number or ID number	-
14.2 UN proper shipping name	-
14.3 Transport hazard class(es)	-
14.4 Packing group	-
14.5 Environmental hazard	No
14.6 Special precautions for user	-
14.7 Maritime transport in bulk according to IMO instruments	. MARPOL Annex I Cargo

RID

14.1 UN number or ID number	-
14.2 UN proper shipping name	-
14.3 Transport hazard class(es)	-
14.4 Packing group	-
14.5 Environmental hazard	No
14.6 Special precautions for user	-

ADR

14.1 UN number or ID number	-
14.2 UN proper shipping name	-
14.3 Transport hazard class(es)	-
14.4 Packing group	-
14.5 Environmental hazard	No
14.6 Special precautions for user	-
Special Provisions	-
-	-

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Germany**

Water hazard class (WGK) slightly hazardous to water (WGK 1)

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorisations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics - -	Entry number: 3 (lamp oils and grill lighter fluids)	-

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

Other Regulations

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). Classification according to Regulation (EC) No. 1272/2008 [CLP].

UK Registration number: UK-01-0468758243-9-XXXX.
 Only Representative UK: Penman Consulting Limited 40, Aspect House, Waylands Avenue, Grove Business Park, Wantage, Oxon, OX12 9FF, United Kingdom; Telephone: 01367 718474, Email: pcltd40@penmanconsulting.com.
 Location of manufacture: Neste Porvoo Refinery, Finland.

15.2. Chemical safety assessment

Chemical Safety Report

A Chemical Safety Assessment has been carried out for this substance

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H304 - May be fatal if swallowed and enters airways

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Supersedes Date 01/01/2023

Revision date 14/12/2023

Reason for revision This is the first issue. (new SDS software has been introduced)

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Exposure scenario

Formulation

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Formulation

Environment

Environmental release category ERC2 Formulation into mixture

Worker

Process category

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC4 Chemical production where opportunity for exposure arises

PROC5 Mixing or blending in batch processes

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC14 Tableting, compression, extrusion, pelletisation, granulation

PROC15 Use as laboratory reagent.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Coatings - Consumer

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Coatings - Consumer

Product category PC1 Adhesives, sealants.
PC4 Anti-freeze and de-icing products.
PC9a Coatings and paints, thinners, paint removers.
PC9b Fillers, putties, plasters, modelling clay.
PC9c Finger paints.
PC15 Non-metal-surface treatment products.
PC18 Ink and toners.
PC23 Leather treatment products
PC24 Lubricants, greases and release products.
PC31 Polishes and wax blends.
PC34 Textile dyes and impregnating products
PC0 Other products.

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

2. Conditions of use affecting exposure (Non-industrial - Environment 1)

Control of environmental exposure (Non-industrial)

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Non-industrial - Health 1)

Other given operational conditions affecting Non-industrial exposure

Consumer information Do not ingest. If swallowed, then seek immediate medical assistance.

Avoid contact with eyes and prolonged skin contact. No specific risk management measure identified beyond those operational conditions stated.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Metalworking Fluids - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Metalworking Fluids - Industrial

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category

- PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
- PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
- PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
- PROC4 Chemical production where opportunity for exposure arises
- PROC5 Mixing or blending in batch processes
- PROC7 Industrial spraying
- PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
- PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
- PROC10 Roller application or brushing
- PROC13 Treatment of articles by dipping and pouring.
- PROC17 Lubrication at high energy conditions in metal working operations

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Polymer processing - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Polymer processing - Industrial

Sector of use SU10 Formulation [mixing] of preparations and/or re-packaging

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC4 Chemical production where opportunity for exposure arises

PROC5 Mixing or blending in batch processes

PROC6 Calendering operations.

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC13 Treatment of articles by dipping and pouring.

PROC14 Tableting, compression, extrusion, pelletisation, granulation

PROC21 Low energy manipulation and handling of substances bound in/on materials or articles

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.

Avoid contact with contaminated tools and objects.

Avoid contact with eyes and prolonged skin contact.

Handle in accordance with good industrial hygiene and safety practice.

Assumes a good basic standard of occupational hygiene is implemented.

.

If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Polymer processing - Industrial

Qualitative approach used to conclude safe use.

Exposure scenario

Drilling - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Drilling - Industrial

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category

- PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
- PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
- PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
- PROC4 Chemical production where opportunity for exposure arises
- PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Manufacturing - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Manufacturing - Industrial

Environment

Environmental release category ERC1 Manufacture of the substance
ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC15 Use as laboratory reagent.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Polymer Production - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Polymer Production - Industrial

Sector of use SU8 Manufacture of bulk, large-scale chemicals (including petroleum products)
SU9 Manufacture of fine chemicals
SU10 Formulation [mixing] of preparations and/or re-packaging
SU11 Manufacture of rubber products
SU12 Manufacture of plastics products, including compounding and conversion
SU13 Manufacture of other non-metallic mineral products

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
ERC7 Use of functional fluid at industrial site

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC5 Mixing or blending in batch processes
PROC6 Calendering operations.
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC14 Tableting, compression, extrusion, pelletisation, granulation
PROC21 Low energy manipulation and handling of substances bound in/on materials or articles

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Polymer Production - Industrial

Additional advice

Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Use in laboratories - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Use in laboratories - Industrial

Environment

Environmental release category ERC2 Formulation into mixture
ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category PROC10 Roller application or brushing
PROC15 Use as laboratory reagent.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Use as binders and release agents - Industrial

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Use as binders and release agents - Industrial

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC4 Chemical production where opportunity for exposure arises

PROC6 Calendering operations.

PROC7 Industrial spraying

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC10 Roller application or brushing

PROC13 Treatment of articles by dipping and pouring.

PROC14 Tableting, compression, extrusion, pelletisation, granulation

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.

Avoid contact with contaminated tools and objects.

Avoid contact with eyes and prolonged skin contact.

Handle in accordance with good industrial hygiene and safety practice.

Assumes a good basic standard of occupational hygiene is implemented.

.

If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Lubricants - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Lubricants - Industrial

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
ERC7 Use of functional fluid at industrial site

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC7 Industrial spraying
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10 Roller application or brushing
PROC13 Treatment of articles by dipping and pouring.
PROC17 Lubrication at high energy conditions in metal working operations
PROC18 General greasing/lubrication at high kinetic energy conditions

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Functional fluids - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Functional fluids - Industrial

Environment

Environmental release category ERC7 Use of functional fluid at industrial site

Worker

Process category

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC4 Chemical production where opportunity for exposure arises

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Coatings - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Coatings - Industrial

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category

- PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
- PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
- PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
- PROC4 Chemical production where opportunity for exposure arises
- PROC5 Mixing or blending in batch processes
- PROC7 Industrial spraying
- PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
- PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
- PROC10 Roller application or brushing
- PROC13 Treatment of articles by dipping and pouring.
- PROC14 Tableting, compression, extrusion, pelletisation, granulation
- PROC15 Use as laboratory reagent.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Distribution - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Distribution - Industrial

Environment

Environmental release category

- ERC1 Manufacture of the substance
- ERC2 Formulation into mixture
- ERC3 Formulation into solid matrix
- ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
- ERC5 Use at industrial site leading to inclusion into/onto article
- ERC6a Use of intermediate
- ERC6b Use of reactive processing aid at industrial site (no inclusion into or onto article)
- ERC6c Use of monomer in polymerisation processes at industrial site (inclusion or not into/onto article)
- ERC6d Use of reactive process regulators in polymerisation processes at industrial site (inclusion or not into/onto article)
- ERC7 Use of functional fluid at industrial site

Worker

Process category

- PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
- PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
- PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
- PROC4 Chemical production where opportunity for exposure arises
- PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
- PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
- PROC15 Use as laboratory reagent.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

Distribution - Industrial

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Use as a fuel - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Use as a fuel - Industrial

Environment

Environmental release category ERC7 Use of functional fluid at industrial site

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC16 Use of fuels

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Water treatment applications - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Water treatment applications - Industrial

Environment

Environmental release category ERC3 Formulation into solid matrix
ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC13 Treatment of articles by dipping and pouring.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Mining chemicals - Industrial

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Mining chemicals - Industrial

Environment

Environmental release category ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)

Worker

Process category

PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions

PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition

PROC4 Chemical production where opportunity for exposure arises

PROC5 Mixing or blending in batch processes

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Uses as binders and release agents - Professional

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Uses as binders and release agents - Professional

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC6 Calendering operations.
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC14 Tableting, compression, extrusion, pelletisation, granulation

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

De-icing and anti-icing applications - Professional

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title De-icing and anti-icing applications - Professional

Environment

Environmental release category ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC11 Non industrial spraying

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Water treatment applications - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Water treatment applications - Professional

Environment

Environmental release category ERC8f Widespread use leading to inclusion into/onto article (outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC13 Treatment of articles by dipping and pouring.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Polymer processing - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Polymer processing - Professional

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC6 Calendering operations.
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC14 Tableting, compression, extrusion, pelletisation, granulation
PROC21 Low energy manipulation and handling of substances bound in/on materials or articles

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Metalworking fluids - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Metalworking fluids - Professional

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC5 Mixing or blending in batch processes
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring.
PROC17 Lubrication at high energy conditions in metal working operations

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Use in laboratories - Professional

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Use in laboratories - Professional

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

Worker

Process category PROC10 Roller application or brushing
PROC15 Use as laboratory reagent.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Functional fluids - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Functional fluids - Professional

Environment

Environmental release category ERC9a Widespread use of functional fluid (indoor)
ERC9b Widespread use of functional fluid (outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC20 Use of functional fluids in small devices

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Coatings - Professional

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Coatings - Professional

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC5 Mixing or blending in batch processes
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring.
PROC15 Use as laboratory reagent.
PROC19 Manual activities involving hand contact

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Use in oil & gas field drilling & production operations - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Use in oil & gas field drilling & production operations - Professional

Environment

Environmental release category ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category

- PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
- PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
- PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
- PROC4 Chemical production where opportunity for exposure arises
- PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Road and construction applications - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Road and construction applications - Professional

Environment

Environmental release category ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

ERC8f Widespread use leading to inclusion into/onto article (outdoor)

Worker

Process category PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Explosive manufacture and use - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Explosive manufacture and use - Professional

Environment

Environmental release category ERC8e Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category

- PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
- PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
- PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
- PROC5 Mixing or blending in batch processes
- PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Cleaning - Professional

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Cleaning - Professional

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring.

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Use as a fuel - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Use as a fuel - Professional

Environment

Environmental release category ERC9a Widespread use of functional fluid (indoor)
ERC9b Widespread use of functional fluid (outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC16 Use of fuels

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

.
If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Lubricants - Professional

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Lubricants - Professional

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
ERC9a Widespread use of functional fluid (indoor)
ERC9b Widespread use of functional fluid (outdoor)

Worker

Process category PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition
PROC4 Chemical production where opportunity for exposure arises
PROC7 Industrial spraying
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
PROC10 Roller application or brushing
PROC11 Non industrial spraying
PROC13 Treatment of articles by dipping and pouring.
PROC17 Lubrication at high energy conditions in metal working operations
PROC18 General greasing/lubrication at high kinetic energy conditions
PROC20 Use of functional fluids in small devices

2. Conditions of use affecting exposure (Industrial - Environment 1)

Control of environmental exposure

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Workers - Health 1)

Risk management measures

Avoid splashing.
Avoid contact with contaminated tools and objects.
Avoid contact with eyes and prolonged skin contact.
Handle in accordance with good industrial hygiene and safety practice.
Assumes a good basic standard of occupational hygiene is implemented.

If repeated and/or prolonged skin exposure to the substance is likely, then wear suitable gloves tested to EN374 and provide employee skin care programmes.

Additional advice Do not ingest. If swallowed, then seek immediate medical assistance.

Lubricants - Professional

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Other consumer uses - Consumer

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Other consumer uses - Consumer

Product category PC28 Perfumes, fragrances.
PC39 Cosmetics, personal care.

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

2. Conditions of use affecting exposure (Non-industrial - Environment 1)

Control of environmental exposure (Non-industrial)

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Non-industrial - Health 1)

Other given operational conditions affecting Non-industrial exposure

Consumer information Do not ingest. If swallowed, then seek immediate medical assistance.

Avoid contact with eyes and prolonged skin contact. No specific risk management measure identified beyond those operational conditions stated.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Fuels - Consumer

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Fuels - Consumer

Product category PC13 Fuels.

Environment

Environmental release category ERC9a Widespread use of functional fluid (indoor)
ERC9b Widespread use of functional fluid (outdoor)

2. Conditions of use affecting exposure (Non-industrial - Environment 1)

Control of environmental exposure (Non-industrial)

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Non-industrial - Health 1)

Other given operational conditions affecting Non-industrial exposure

Consumer information RCH006a Keep lamps filled with this liquid out of the reach of children. RCH006b Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life-threatening lung damage.
RCH006c Just a sip of grill lighter may lead to life threatening lung damage.

Do not ingest. If swallowed, then seek immediate medical assistance.

Avoid contact with eyes and prolonged skin contact. No specific risk management measure identified beyond those operational conditions stated.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Propellants - Consumer

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Propellants - Consumer

Product category PC1 Adhesives, sealants.
PC3 Air care products.
PC4 Anti-freeze and de-icing products.
PC9a Coatings and paints, thinners, paint removers.
PC9b Fillers, putties, plasters, modelling clay.
PC9c Finger paints.
PC24 Lubricants, greases and release products.
PC31 Polishes and wax blends.
PC35 Washing and cleaning products
PC0 Other products.
PC5 Artists supply and hobby preparations.
PC10 Building and construction preparations not covered elsewhere.

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

2. Conditions of use affecting exposure (Non-industrial - Environment 1)

Control of environmental exposure (Non-industrial)

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Non-industrial - Health 1)

Other given operational conditions affecting Non-industrial exposure

Consumer information Do not ingest. If swallowed, then seek immediate medical assistance.

Avoid contact with eyes and prolonged skin contact. No specific risk management measure identified beyond those operational conditions stated.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Lubricants - Consumer

Identification

Product name Solvent, Heavy deaeromatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Lubricants - Consumer

Product category PC1 Adhesives, sealants.
PC24 Lubricants, greases and release products.
PC31 Polishes and wax blends.
PC0 Other products.
PC6 Automotive care products.

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
ERC9a Widespread use of functional fluid (indoor)
ERC9b Widespread use of functional fluid (outdoor)

2. Conditions of use affecting exposure (Non-industrial - Environment 1)

Control of environmental exposure (Non-industrial)

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Non-industrial - Health 1)

Other given operational conditions affecting Non-industrial exposure

Consumer information Do not ingest. If swallowed, then seek immediate medical assistance.

Avoid contact with eyes and prolonged skin contact. No specific risk management measure identified beyond those operational conditions stated.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Cleaning - Consumer

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Cleaning - Consumer

Product category PC3 Air care products.
PC4 Anti-freeze and de-icing products.
PC8 Biocidal products
PC9a Coatings and paints, thinners, paint removers.
PC9b Fillers, putties, plasters, modelling clay.
PC9c Finger paints.
PC24 Lubricants, greases and release products.
PC35 Washing and cleaning products
PC38 Welding and soldering products, flux products

Environment

Environmental release category ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)
ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)

2. Conditions of use affecting exposure (Non-industrial - Environment 1)

Control of environmental exposure (Non-industrial)

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Non-industrial - Health 1)

Other given operational conditions affecting Non-industrial exposure

Consumer information Do not ingest. If swallowed, then seek immediate medical assistance.

Avoid contact with eyes and prolonged skin contact. No specific risk management measure identified beyond those operational conditions stated.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.

Exposure scenario

Functional fluids - Consumer

Identification

Product name Solvent, Heavy dearomatized - Category 8

Version number N - 2021

1. Title of exposure scenario

Main title Functional fluids - Consumer

Product category PC16 Heat transfer fluids.
PC17 Hydraulic fluids.

Environment

Environmental release category ERC9a Widespread use of functional fluid (indoor)
ERC9b Widespread use of functional fluid (outdoor)

2. Conditions of use affecting exposure (Non-industrial - Environment 1)

Control of environmental exposure (Non-industrial)

No exposure assessment presented for the environment. The product components are not classified as environmentally hazardous.

2. Conditions of use affecting exposure (Non-industrial - Health 1)

Other given operational conditions affecting Non-industrial exposure

Consumer information Do not ingest. If swallowed, then seek immediate medical assistance.

Avoid contact with eyes and prolonged skin contact. No specific risk management measure identified beyond those operational conditions stated.

3. Exposure estimation (Health 1)

Qualitative approach used to conclude safe use.