



CIMTAP®

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 31.03.2020

Supersedes: 25.10.2018

Version: 6.5

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

1.1. Product identifier

Product form : Mixture
Product name : CIMTAP®
Product code : C92027
Type of product : Tapping paste

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial use
Use of the substance/mixture : Use only as recommended on the product application sheet.
More information can be found on: www.atiel.org/reach/introduction.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

Cimcool Polska Sp. z o.o.
ul. Hrubieszowska 2
01-209 Warszawa - Poland
T +48 12 357 54 00 - F +48 12 378 33 46
info_cimcool_pl@milacron.com - www.cimcool.net

Manufacturer

Cimcool Industrial Products BV
Schiedamsedijk 20
3134 KK Vlaardingen - The Netherlands
T + 31 (0)10 4600660 - F + 31 (0)10 4603240
SDS@milacron.com - www.cimcool.net
E-mail address of competent person responsible for the SDS :
SDS@milacron.com

1.4. Emergency telephone number

Emergency number : + 32 (0)14 58 45 45 (BIG, Belgium)

Country	Organisation/Company	Address	Emergency number	Comment
Poland	National Poisons Information Centre	Dowborczykow Street 90-019 Łódź	+48 42 63 14 724	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Reproductive toxicity, Additional category, H362
Effects on or via lactation
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Not applicable.



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2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS09

Signal word (CLP) :

Warning

Hazardous ingredients :

chlorinated paraffins, C14-17

Hazard statements (CLP) :

H362 - May cause harm to breast-fed children.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) :

P201 - Obtain special instructions before use.
P260 - Do not breathe mist, spray, vapours.
P263 - Avoid contact during pregnancy/while nursing.
P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P501 - Dispose of contents/container to a hazardous or special waste collection point.

EUH-statements :

EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Other hazards not contributing to the classification : Spilled product may result in slippery floors. Do not allow material to contaminate ground water system.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
chlorinated paraffins, C14-17	(CAS-No.) 85535-85-9 (EC-No.) 287-477-0 (EC Index-No.) 602-095-00-X (REACH-no) 01-2119519269-33	20 – 40	Lact., H362 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Distillates (petroleum), hydrotreated light naphthenic; VK @ 40°C <20.5 mm ² /s; <3% DMSO substance with a Community workplace exposure limit (Note L)	(CAS-No.) 64742-53-6 (EC-No.) 265-156-6 (EC Index-No.) 649-466-00-2 (REACH-no) 01-2119480375-34	5 – 10	Asp. Tox. 1, H304
Poly(oxy-1,2-ethanediyl), a-[(9Z)-2-[(1-oxo-9-octadecen-1-yl)amino]ethyl]-w-hydroxy-	(CAS-No.) 26027-37-2 (EC-No.) 607-851-2 (REACH-no) polymer	1 – 5	Eye Irrit. 2, H319
Distillates, petroleum, hydrotreated heavy paraffinic; <3% DMSO substance with a Community workplace exposure limit (Note L)	(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8 (REACH-no) 01-2119484627-25	1 – 5	Not classified
Pyridine-2-thiol 1-oxide, sodium salt	(CAS-No.) 3811-73-2 (EC-No.) 223-296-5 (REACH-no) 01-2119493385-28	< 0,05	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Aquatic Acute 1, H400 (M=100) Aquatic Chronic Not classified

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.



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Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Seek medical attention if ill effect develops. May cause harm to breast-fed children.
First-aid measures after inhalation	: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Drink promptly large quantities of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water.

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

Symptoms/effects after skin contact	: May cause slight irritation to the skin.
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Ingestion may cause nausea and vomiting.
Chronic symptoms	: Repeated exposure may cause skin dryness or cracking.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Any fire extinguishing media may be used on nearby fires (water, powder, foam).
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: The product is not flammable.
Hazardous decomposition products in case of fire	: Carbon dioxide. Carbon monoxide. nitrogen oxides (NOx). Sulphur oxides. Hydrochloric acid, c(HCl).

5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Spill area may be slippery.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
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6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
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6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Sweep or shovel spills into appropriate container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.
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6.4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Handle in accordance with good industrial hygiene and safety practice.
Precautions for safe handling	: Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Avoid contact during pregnancy/while nursing.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Comply with applicable regulations. Avoid release to the environment. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Storage conditions	: Keep container closed when not in use. Keep at temperatures between 5°C and 35°C in original container.
Incompatible products	: Strong bases. Strong acids.

7.3. Specific end use(s)

Use only as recommended on the product application sheet.

More information can be found on:

www.hse.gov.uk/metalworking,

www.ukla.org.uk,

www.vsi-schmierstoffe.de.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Distillates (petroleum), hydrotreated light naphthenic; VK @ 40°C <20.5 mm2/s; <3% DMSO (64742-53-6)	
EU	Mineral oil (mist, ACGIH Time weighted Average, 8 hours): 5 mg/m ³
Distillates, petroleum, hydrotreated heavy paraffinic; <3% DMSO (64742-54-7)	
EU	Mineral oil (mist, ACGIH Time weighted Average, 8 hours): 5 mg/m ³

8.2. Exposure controls

Appropriate engineering controls:

For most applications, normal shop ventilation is adequate. However, when high mist levels are generated or where machines are close together, or where ventilation is inadequate, use of splash guards or mist collectors is recommended. Mist levels should comply with local regulations.

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

In case of repeated or prolonged contact wear gloves. Consider the particular working conditions under which the gloves are being used. Follow Cimcool Skin Protection Plan.

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves, Reusable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.11		EN ISO 374

Eye protection:

Even though no specific eye irritation data are available, wear eye protection appropriate to conditions of use when handling this material

Type	Use	Characteristics	Standard
Chemical goggles or safety glasses			EN 166



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Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

Other information:

Do not eat, drink or smoke during use. Avoid contact during pregnancy/while nursing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: paste.
Colour	: Off-white.
Odour	: oily.
Odour threshold	: No data available
pH	: No data available
pH solution	: 8,5 @20°C, 25%
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: < 0 °C
Boiling point	: > 100 °C
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1,065
Density	: 1065 kg/m ³ @20°C
Solubility	: Miscible with water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Not applicable.
Oxidising properties	: Not applicable.
Explosive limits	: No data available

9.2. Other information

Additional information : The above data are typical values and do not constitute a specification.

SECTION 10: Stability and reactivity

10.1. Reactivity

None reasonably foreseeable.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None reasonably foreseeable.



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10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Incompatible with strong acids and oxidizing agents.

10.6. Hazardous decomposition products

None under normal use. See Heading 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Additional information	: Based on available data, the classification criteria are not met

chlorinated paraffins, C14-17 (85535-85-9)	
LD50 oral rat	2000 mg/kg

Pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)	
LD50 oral rat	1208 mg/kg
LD50 dermal rabbit	720 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1,08 mg/l/4h

Distillates (petroleum), hydrotreated light naphthenic; VK @ 40°C <20.5 mm2/s; <3% DMSO (64742-53-6)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	2180 mg/m ³ (Exposure time: 4 h)

Distillates, petroleum, hydrotreated heavy paraffinic; <3% DMSO (64742-54-7)	
LD50 oral rat	> 15 g/kg
LD50 dermal rabbit	> 5000 mg/kg

Skin corrosion/irritation	: Not classified
Additional information	: Repeated exposure may cause skin dryness or cracking.
Serious eye damage/irritation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: May cause harm to breast-fed children.
Additional information	: May cause harm to breast-fed children.

STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met



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Potential adverse human health effects and symptoms : May cause harm to breast-fed children. Repeated exposure may cause skin dryness or cracking.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.

Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

Pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)	
LC50 fish 1	0,0066 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 Daphnia 1	0,022 mg/l (Exposure time: 48 h - Species: water flea)
ErC50 (algae)	0,46 mg/l Selenastrum capricornutum (green algae)
NOEC (chronic)	0,00064 mg/l Skeletonema costatum (marine diatom) Read-across – Zinc Pyrithione - Method: OPPTS 850.5400
NOEC chronic algae	0,08 mg/l Pseudokirchneriella subcapitata (green algae)
Distillates (petroleum), hydrotreated light naphthenic; VK @ 40°C <20.5 mm2/s; <3% DMSO (64742-53-6)	
LC50 fish 1	5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Distillates, petroleum, hydrotreated heavy paraffinic; <3% DMSO (64742-54-7)	
LC50 fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

CIMTAP®	
Persistence and degradability	May cause long-term adverse effects in the environment.
Chemical oxygen demand (COD)	11 g O2/l @1%
Pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)	
Persistence and degradability	This product is not, or does not contain substances which are classified as PBT or vPvB.

12.3. Bioaccumulative potential

CIMTAP®	
Bioaccumulative potential	Not established.
chlorinated paraffins, C14-17 (85535-85-9)	
Partition coefficient n-octanol/water (Log Pow)	5,5 – 6,0
Pyridine-2-thiol 1-oxide, sodium salt (3811-73-2)	
Partition coefficient n-octanol/water (Log Pow)	-2,64 @20C; pH 8.5

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : If pretreatment is needed, chemical emulsion breaking or ultrafiltration may be used.



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Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Empty containers should be transported/delivered using a registered waste carrier for local recycling or waste disposal.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 12 01 08* - machining emulsions and solutions containing halogens This code is applicable for the product as supplied only. The conditions of use may affect the waste classification after use; see Decision 2000/532/EC and its amendments.

SECTION 14: Transport information

In accordance with ADR / IMDG

ADR	IMDG
14.1. UN number	
3082	3082
14.2. UN proper shipping name	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (chlorinated paraffins, C14-17)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (chlorinated paraffins, C14-17)
Transport document description	
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (chlorinated paraffins, C14-17), 9, III, (E)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (chlorinated paraffins, C14-17), 9, III
14.3. Transport hazard class(es)	
9	9
14.4. Packing group	
III	III
14.5. Environmental hazards	
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes
Environmentally hazardous substances derogation applies (quantity of liquids ≤ 5 litres or net mass of solids ≤ 5 kg). The environmentally hazardous substance mark is therefore not required, as stated in the ADR regulation, section 5.2.1.8.1.	
No supplementary information available	

14.6. Special precautions for user

- Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 601, 375
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR) : E



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- Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products. Not applicable.

Seveso Information : Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

15.1.2. National regulations

Poland



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Other information

- (1/7) Corrigendum to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the registration, evaluation, authorization and restriction of chemicals (REACH) and the creation of a European Chemicals Agency amending Directive 1999/45 / EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769 / EEC and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC as amended (Official Journal of the European Union L 36 of 30 December 2006; corrigendum in Official Journal of the European Union L 136 of 29 May 2007).
- (2/7) Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No. 1907/2006 as amended (Text with EEA relevance) (Official Journal of the European Union Series L No. 353 of 31 December 2008). Commission Regulation (EC) No 790/2009 of 10 August 2009 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on the classification, labeling and packaging of substances and mixtures as amended (Text with EEA relevance) (Official Journal of the European Union L series No. 235 of September 5, 2009).
- (3/7) Commission Regulation (EU) No 286/2011 of 10 March 2011 adapting to scientific and technical progress Regulation (EC) No 1272/2008 of the European Parliament and of the Council on the classification, labeling and packaging of substances and mixtures as amended (Text with EEA relevance) (Official Journal of the European Union Series L No. 83 of 30 March 2010).
- (4/7) Act of 25 February 2011 on chemical substances and their mixtures (Journal of Laws No. 63, item 322, 2011). Ordinance of the Minister of Health of August 10, 2012 on the criteria and method for classifying substances and their mixtures (Journal of Laws, item 1018, 2012). Regulation of the Minister of Economy of December 21, 2005 on the essential requirements for personal protective equipment (Journal of Laws No. 259, 2173, 2005). Regulation of the Minister of Labor and Social Policy of November 29, 2002 on the highest allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws No. 217, item 1833, 2002 as amended).
- (5/7) Regulation of the Minister of Economy and Labor of 10 October 2005 amending the regulation on the highest allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws No. 212, item 1769, 2005 of 28.10.2005.) Ordinance of the Minister of Health of February 2, 2011 on tests and measurements of factors harmful to health in the work environment (Journal of Laws No. 33, item 166, 2011). Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical agents at work (Journal of Laws No. 11, item 86, 2005).
- (6/7) Act of 19 August 2011 on the transport of dangerous goods (Journal of Laws No. 227, item 1367, 2011). Government Declaration of 26 July 2005 on the entry into force of amendments to Annexes A and B of the European Agreement concerning the international carriage of unsafe goods by road (ADR) done at Geneva on 30 September 1957 (Journal of Laws No. 178, item . 1481, 2005 as amended).
- (7/7) Act of 14 December 2012 on waste (Journal of Laws item 21, 2013). Act of 13 June 2013 on the management of packaging and packaging waste (Journal of Laws, item 888, 2013). Act of 29 July 2005 amending the act on waste and certain other acts (Journal of Laws No. 175, item 1458, 2005).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
4.2	Most important symptoms and effects, both acute and delayed	Modified	

Abbreviations and acronyms:

ADR	Accord Dangereux Routier (European regulations concerning the international transport of dangerous goods by road)
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration



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LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

Lact.	H362
Aquatic Acute 1	H400
Aquatic Chronic 2	H411

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic Not classified	Hazardous to the aquatic environment - Chronic Hazard Not classified
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Lact.	Reproductive toxicity, Additional category, Effects on or via lactation
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H362	May cause harm to breast-fed children.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Lact.	H362	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 2	H411	Calculation method

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Disclaimer:

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