

**CENTRO DISTRIBUZIONE UTENSILI S.p.a.**Revision nr. 8
Dated 09/05/2024
Printed on 10/05/2024
Page n. 1/11
Replaced revision:7 (Dated: 08/05/2023)

EN

ALU CUT F520

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code: **U05150**
Product name: **ALU CUT F520**

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

Intended use: **Cutting fluid for aluminum.**
Uses advised against: **Different uses than those intended.**

1.3. Details of the supplier of the safety data sheet

Name: **CENTRO DISTRIBUZIONE UTENSILI S.p.a.**
Full address: **Via delle Gerole, 19**
District and Country: **20867 CAPONAGO (MB)**
ITALY

tel. **+39 02 95746081**
fax. **+ 39 02 95745182**

e-mail address of the competent person

responsible for the Safety Data Sheet: **info@cdu.net**
Supplier: **CENTRO DISTRIBUZIONE UTENSILI S.p.a.**

1.4. Emergency telephone number

For urgent inquiries refer to: **CENTRO DISTRIBUZIONE UTENSILI S.p.a. +39 02 95746081**
(Technical support - Office hour 8.30-13.00 - 14.00-17.30)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).
However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication: --

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms: --

Signal words: --

Hazard statements:

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH210 Safety data sheet available on request.
EUH208 Contains: N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture).
May produce an allergic reaction.

Precautionary statements: --

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.
The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.



SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	X = Conc. %	Classification (EC) 1272/2008 (CLP)
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DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

INDEX 649-474-00-6

42 ≤ x < 62

Classification note according to Annex VI to the CLP Regulation: L. Substance with extract content in DMSO of less than 3% by weight, determined using the IP 346 method.

EC 265-169-7

CAS 64742-65-0

REACH Reg. 01-2119471299-27

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

INDEX -

9,5 ≤ x ≤ 19,5

Asp. Tox. 1 H304, EUH066

EC 918-481-9

CAS -

REACH Reg. 01-2119457273-39

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture)

INDEX -

0,04 ≤ x < 0,14

Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411

EC 939-700-4

CAS -

REACH Reg. 01-2119982395-25

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.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

Local necrosis, evidenced by the onset of pain and delayed tissue damage, which occurs a few hours after subcutaneous injection of the product.

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

Information for the doctor: symptomatically treatment.

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Avoid using direct water jets on the burning product.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE



Do not breathe combustion products: carbon oxides.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well-ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

Storage class TRGS 510 (Germany):10

7.3. Specific end use(s)

Cutting fluid for aluminum.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

TLV-ACGIH

ACGIH 2023

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

Threshold Limit Value					
Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
TLV-ACGIH		5		10	
Health - Derived no-effect level - DNEL / DMEL					
					Remarks / Observations

INHAL



	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation			1,2 mg/m3				5,4 mg/m3	

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
TLV-ACGIH		1200	226			Manf.data		

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture)

Predicted no-effect concentration - PNEC	
Normal value in fresh water	0,000976 mg/l
Normal value in marine water	0,000098 mg/l
Normal value for fresh water sediment	0,0121 mg/kg
Normal value for marine water sediment	0,00121 mg/kg
Normal value for water, intermittent release	0,00976 mg/l
Normal value of STP microorganisms	0,69 mg/l
Normal value for the terrestrial compartment	0,00184 mg/kg

Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
	Oral				0,2 mg/kg			
	Inhalation				0,3 mg/m3			
	Skin				0,2 mg/kg			
				VND				1,3 mg/m3
								0,4 mg/kg

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN ISO 16321).

RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.



SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	clear liquid	
Colour	ochre	
Odour	characteristic	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	79,5 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	not applicable	Reason for missing data: practically insoluble in water
Kinematic viscosity	36 mm ² /s	Temperature: 40 °C
Solubility	in water: insoluble; in acetone: soluble	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	0,87 - 0,88 kg/dm ³	Temperature: 20 °C
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Information not available.

9.2.2. Other safety characteristics
VOC (Directive 2010/75/EU) 19,50 % - 171,09 g/litre

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS
Vapors can form explosive mixtures with air.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.



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DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

Avoid exposure to: heat sources, naked flames, direct sunlight, ignition sources.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Avoid exposure to: heat, flames, ignition sources, Sparks, electrostatic discharges.

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture)

Avoid exposure to: Sparks, naked flames, electrostatic discharges.

10.5. Incompatible materials

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

Incompatible with: strong acids, strong bases, oxidising agents.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Incompatible with: acids, oxidizing materials.

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture)

Incompatible with: strong oxidising agents, strong acids, strong bases.

10.6. Hazardous decomposition products

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

When heated to decomposition releases: carbon oxides, toxic gases and vapors.

SECTION 11. Toxicological information

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

Metabolism, toxicokinetics, mechanism of action and other information

Information not available.

Information on likely routes of exposure

Information not available.

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

Information not available.

Interactive effects

Information not available.

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

not classified (no significant component)

ATE (Oral) of the mixture:

not classified (no significant component)

ATE (Dermal) of the mixture:

not classified (no significant component)

DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC

LD50 (Dermal): > 5000 mg/kg Rabbit (OECD 402)

LD50 (Oral): > 5000 mg/kg Rat (OECD 401)

LC50 (Inhalation vapours): > 5000 mg/m³/4h Rat (OECD 403)

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

LD50 (Dermal): > 2000 mg/kg Rabbit

LD50 (Oral): > 2000 mg/kg Rat

LC50 (Inhalation vapours): > 4951 mg/m³ Rat

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture)

LD50 (Dermal): > 2000 mg/kg Rat

LD50 (Oral): > 3313 mg/kg Rat (OECD 401)

SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class.



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RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture).

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class.

CARCINOGENICITY

Does not meet the classification criteria for this hazard class.

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class.

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class.

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class.

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class.

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC**

LL0 - Pesci	100 mg/l/96h Pimephales promelas
EL0 - Crostacei	> 1000 g/kg/48h Daphnia Magna
EL0 - Alghe / Piante Acquatiche	100 mg/l/72h Pseudokirchneriella subcapitata
NOELR Alghe / Piante Acquatiche	100 mg/l/72h Pseudokirchneriella subcapitata
NOELR - Crostacei	> 10 mg/l/21d Daphnia Magna

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

LC50 - for Fish	> 1000 mg/l/96h Onchorhynchus mykiss (OECD 203)
EC50 - for Crustacea	> 1000 mg/l/48h Daphnia magna (OECD 202)
EC50 - for Algae / Aquatic Plants	> 1000 mg/l/72h Scenedesmus subspicatus (OECD 201)

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture)

LC50 - for Fish	1,3 mg/l/96h Brachydanio rerio (OECD 203)
EC50 - for Crustacea	2,05 mg/l/48h Daphnia magna (OECD 202)
EC50 - for Algae / Aquatic Plants	0,976 mg/l/72h Desmodesmus subspicatus (OECD 201)

12.2. Persistence and degradability

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC**

Solubility in water	Negligible
Entirely degradable	31,13 - 28d (OECD 301F)
HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS	
Solubility in water	Insoluble
Rapidly degradable	80 % - 28d (OECD 301F)

N,N-BIS(2-ETHYLHEXYL)-5-METHYL-1H-BENZOTRIAZOLE-1-METHYLAMINE (Mixture)

Solubility in water	Insoluble
NOT rapidly degradable	

12.3. Bioaccumulative potential**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC**

Partition coefficient: n-octanol/water > 3,5

Potentially bioaccumulable. However, the metabolism or physical properties can reduce bioconcentration or limit bioavailability.

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS

Partition coefficient: n-octanol/water 3 Log Kow

12.4. Mobility in soil**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC**

This material has low solubility and it is assumed that floats and migrates from water to the ground. It is assumed that it is divided into the sediment and in solids suspended in the waste water. Low migration potential through soil.

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available.

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN number or ID number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable



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14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant.

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

Seveso Category - Directive 2012/18/EU: none.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

None.

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

Not applicable.

Substances in Candidate List (Art. 59 REACH)On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.Substances subject to authorisation (Annex XIV REACH)

None.

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls

Information not available.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the mixture.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Asp. Tox. 1	Aspiration hazard, category 1
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1



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Aquatic Chronic 2	Hazardous to the aquatic environment, chronic toxicity, category 2
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)



CENTRO DISTRIBUZIONE UTENSILI S.p.a.

ALU CUT F520

Revision nr. 8
Dated 09/05/2024
Printed on 10/05/2024
Page n. 11/11
Replaced revision:7 (Dated: 08/05/2023)

EN

- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- 23. Delegated Regulation (UE) 2023/707

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

02 / 03 / 07 / 08 / 09 / 10 / 11 / 12 / 15 / 16.