SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code : CLIMANET TOP

UFI: AD10-10H9-700U-8CVF

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

Sanitizing detergent for finned packs and lamellar coils for A / C systems.
Sectors of use:
Private households (= general public = consumers)[SU21], Professional use[SU22]

Uses advised against
Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

FACOT CHEMICALS S.r.l.
via Crema, 44- 26010 Capralba (CR) - Italy
Tel. +39 0373 450642 / 450643, Fax 0+39 373 450751
e-mail: info@facot.it - www.facot.it

e-mail persona competente/competent person: msds@facot.it

1.4. Emergency telephone number

Facot Chemical Srl: +39 0373 450642 (working hours)

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
GHS05, GHS07

Hazard Class and Category Code(s):
Skin Corr. 1, Skin Sens. 1, Eye Dam. 1

Hazard statement Code(s):
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.

Corrosive product: causes severe skin burns and eye damage.
The product, if brought into contact with skin can cause skin sensitization.
If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
GHS05, GHS07 - Danger

Hazard statement Code(s):
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.

Supplemental Hazard statement Code(s):
not applicable

Precautionary statements:
General
P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
Prevention
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Disposal
P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

Contains:
1,2-benzisothiazol-3(2H)-one, Sodium Alkyl Ethoxy Sulphate
REGULATION (EU) No 528/2012, biocides contained: 1,2-benzisothiazol-3(2H)-one

Contains (Reg.EC 648/2004):
< 5% 1,2-benzisotiazol-3(2H)-one, anionic surfactants, EDTA and salts thereof, non-ionic surfactants

Packaging to be fitted with child-resistant fastenings
Packaging to be fitted with a tactile warning (EN ISO 11683)
Content of VOC ready to use condition: 0,00 %

UFI: AD10-10H9-700U-8CVF

2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

No information on other hazards

SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

ID	Substance / Classification	% (w/w)
INDEX: ND CAS: 9004-82-4 CE: ND REACH: ND	**Sodium Alkyl Ethoxy Sulphate** Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Chronic 3, H412 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral > 8.000,0 mg/kg ATE dermal > 4.000,0 mg/kg	>= 3,00 < 5%
INDEX: 011-002-00-6 CAS: 1310-73-2 CE: 215-185-5 REACH: 01-2119457892-27-XXXX	**Sodium hydroxide** Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318 Limits: Skin Corr. 1A, H314 %C >=5; Skin Corr. 1B, H314 2<= %C <5; Skin Irrit. 2, H315 0,5<= %C <2; Eye Irrit. 2, H319 0,5<= %C <2; ATE oral = 1.350,0 mg/kg ATE dermal = 1.350,0 mg/kg	>= 1 < 3%
INDEX: 613-088-00-6 CAS: 2634-33-5 CE: 220-120-9 REACH: 01-2120761540-60-XXXX	**1,2-benzisothiazol-3(2H)-one** Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318; Acute Tox. 2, H330; Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Limits: Skin Sens. 1, H317 %C >=0,05; Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1	>= 0,1 < 1%
INDEX: ND CAS: 308062-28-4 CE: 931-292-6 REACH: ND	**Alchil Dimetilammina Ossido** Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 1.064,0 mg/kg	>= 0,1 < 1%

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation:
Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area.
If you feel unwell seek medical advice.

Direct contact with skin (of the pure product).:
Take contaminated clothing Immediately off.
In case of contact with skin, wash immediately with water.
Consult a physician immediately

Direct contact with eyes (of the pure product).:
Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately
Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:
Drink water with egg white; do not give bicarbonate.
Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

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

No data available.

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

If skin irritation or rash occurs: Get medical advice/attention.
If medical advice is needed, have product container or label at hand.
Immediately call a POISON CENTER/doctor.

SECTION5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:
Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:
Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus
Safety helmet and full protective suit.
The spray water can be used to protect the people involved in the extinction
You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)
Keep containers cool with water spray

SECTION6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:
Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:
Wear mask, gloves and protective clothing.
Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:
Rapidly recover the product, wear a mask and protective clothing
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:
After wiping up, wash the area and materials involved

6.3.3 Other information:
None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
Wear protective gloves/protective clothing/eye protection/face protection.
At work do not eat or drink.
Contaminated work clothing should not be allowed out of the workplace.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and `direct exposure of sunlight.

7.3. Specific end use(s)

Private households (= general public = consumers):
Handle in a well ventilated area.

Professional use:
Follow the rules of good hygiene in the workplace.

SECTION8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:
Sodium hydroxide:
GESTIS International Limit Values (https://limitvalue.ifa.dguv.de/)
Australia : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
Austria : TLV-TWA= ppm , 2 inhalable aerosol mg/m³ - TLV-STEL= ppm , 4 inhalable aerosol mg/m³
Belgium : TLV-TWA= ppm , 2 (1) mg/m³ - TLV-STEL= ppm , mg/m³
Canada - Ontario : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
Canada - Québec : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
Denmark : TLV-TWA= ppm , 2 mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³

Finland : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
France : TLV-TWA= ppm , 2 mg/m³ - TLV-STEL= ppm , mg/m³
Hungary : TLV-TWA= ppm , 2 mg/m³ - TLV-STEL= ppm , 2 mg/m³
Ireland : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
Japan (JSOH) : TLV-TWA= ppm , 2 (1) mg/m³ - TLV-STEL= ppm , mg/m³
Latvia : TLV-TWA= ppm , 0,5 mg/m³ - TLV-STEL= ppm , mg/m³
New Zealand : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
People's Republic of China : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
Poland : TLV-TWA= ppm , 0,5 mg/m³ - TLV-STEL= ppm , 1 mg/m³
Romania : TLV-TWA= ppm , 1 mg/m³ - TLV-STEL= ppm , 3 (1) mg/m³
Singapore : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 mg/m³
South Korea : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
Spain : TLV-TWA= ppm , 2 mg/m³ - TLV-STEL= ppm , mg/m³
Sweden : TLV-TWA= ppm , 1 (1) mg/m³ - TLV-STEL= ppm , 2 (1)(2) mg/m³
Switzerland : TLV-TWA= ppm , 2 inhalable aerosol mg/m³ - TLV-STEL= ppm , 2 inhalable aerosol mg/m³
USA - NIOSH : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 (1) mg/m³
USA - OSHA : TLV-TWA= ppm , 2 mg/m³ - TLV-STEL= ppm , mg/m³
United Kingdom : TLV-TWA= ppm , mg/m³ - TLV-STEL= ppm , 2 mg/m³

Australia: (1) Ceiling limit value
Belgium: (1) Additional indication "M" means that irritation occurs when the exposure exceeds the limit value or there is a risk of acute poisoning. The work process must be designed in such a way that the exposure never exceeds the limit value. For evaluation, the sampled period should be as short as possible. However, the sampled period shall be long enough to perform a reliable measurement. The measured result shall be related to the considered period.
Canada – Ontario: (1) Ceiling limit value
Canada – Québec: (1) Ceiling limit value
Denmark: (1) Ceiling limit value
Finland: (1) Ceiling limit value
Ireland: (1) 15 minutes reference period
Japan (JSOH): (1) Occupational exposure limit ceiling: Reference value to the maximal exposure concentration of the substance during a working day
New Zealand: (1) Ceiling limit value
People's Republic of China. (1) Ceiling limit value
Romania: (1) 15 minutes average value
South Korea: (1) Ceiling limit value
Sweden: (1) Inhalable fraction (2) 15 minutes average value
USA – NIOSH: (1) Ceiling limit value (15 min)

1,2-benzisothiazol-3(2H)-one:
TLV-TWA = 0.06 mg/m3
STEL = 0.1 mg/m3

- Substance: Sodium Alkyl Ethoxy Sulphate
DNEL
Systemic effects Short term Workers inhalation = 175 (mg/m3)
Systemic effects Short term Workers dermal = 2750 (mg/kg bw/day)
Systemic effects Short term Consumers inhalation = 52 (mg/m3)
Systemic effects Short term Consumers dermal = 1650 (mg/kg bw/day)
Systemic effects Short term Consumers oral = 15 (mg/kg bw/day)
PNEC
Sweet water = 0,24 (mg/l)
sediment Sweet water = 5,45 (mg/kg/sediment)
Sea water = 0,024 (mg/l)
sediment Sea water = 0,545 (mg/kg/sediment)
STP = 1000 (mg/l)
ground = 0,946 (mg/kg ground)

- Substance: Sodium hydroxide

DNEL
Systemic effects Long term Workers inhalation = 1 (mg/m3)
Systemic effects Long term Consumers inhalation = 1 (mg/m3)

- Substance: Alchil Dimetilammina Ossido
DNEL
Systemic effects Long term Workers inhalation = 6,2 (mg/m3)
Systemic effects Long term Workers dermal = 11 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 1,53 (mg/m3)
Systemic effects Long term Consumers dermal = 5,5 (mg/kg bw/day)
Systemic effects Long term Consumers oral = 0,44 (mg/kg bw/day)
PNEC
Sweet water = 0,0335 (mg/l)
sediment Sweet water = 5,24 (mg/kg/sediment)
Sea water = 0,00335 (mg/l)
sediment Sea water = 0,524 (mg/kg/sediment)
intermittent emissions = 0,0335 (mg/l)
STP = 24 (mg/l)
ground = 1,02 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:
Private households (= general public = consumers):
Observe usual safety precautions in the handling of chemicals.

Professional use:
Well ventilated environment. Observe the safety measures used in handling chemicals.

Individual protection measures:

a) Eye / face protection
When handling the pure product use safety glasses (spectacles cage) (EN 166).

b) Skin protection

i) Hand protection
When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

ii) Other
When handling the pure product wear full protective skin clothing.

c) Respiratory protection
Not needed for normal use.

d) Thermal hazards
No hazard to report

Environmental exposure controls:
Use according to good working practices to avoid pollution into the environment.

SECTION9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Physical state	liquid	Visual
Colour	Clear straw-yellow	
Odour	Characteristic of chlorine	Olfactory
Odour threshold	Undefined	
Melting point/freezing point	0°C	
Boiling point or initial boiling point and boiling range	100°C	
Flammability	Irrelevant	
Lower and upper explosion limit	Undefined	
Flash point	Non infiammabile	
Auto-ignition temperature	Undefined	
Decomposition temperature	Undefined	
pH	13,5	
Kinematic viscosity	Undefined	
Solubility	1,10g/mL	
Water solubility	Water soluble	
Partition coefficient n-octanol/water (log value)	Undefined	
Vapour pressure	Undefined	
Density and/or relative density	Undefined	
Relative vapour density	Undefined	
Particle characteristics	Irrelevant	

9.2. Other information

9.2.1 Information with regard to physical hazard classes

No data available.

9.2.2 Other safety characteristics

Content of VOC ready to use condition: 0,00 %

SECTION10. Stability and reactivity

10.1. Reactivity

Related to contained substances:
Sodium hydroxide:
Contact with strong acids can cause violent reactions and explosions.
Potential danger for exothermic reactions.

Corrosive power towards metals.

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Related to contained substances:
Sodium hydroxide:
Contact with strong acids can cause violent reactions and explosions.
Potential danger for exothermic reactions.
Corrosive power towards metals.

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.
It can generate toxic gases to contact with inorganic solfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION11. Toxicological information

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

ATE(mix) oral = 109.417,0 mg/kg
ATE(mix) dermal = ∞
ATE(mix) inhal = 215,7 mg/l/4 h

(a) acute toxicity: based on available data, the classification criteria are not met.
(b) skincorrosion/irritation: Corrosive product: causes severe skin burns and eye damage.
(c) serious eye damage/irritation: Corrosive product: causes severe skin burns and eye damage. - If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.
(d) respiratoryorskinsensitisation: The product, if brought into contact with skin can cause skin sensitization.
(e) germ cell mutagenicity: based on available data, the classification criteria are not met.
(f) carcinogenicity: based on available data, the classification criteria are not met.
(g) eproductivetoxicity: based on available data, the classification criteria are not met.
(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.
(i) specific target organ toxicity (STOT) repeated exposure: based on available data, the classification criteria are not met.
(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:
Sodium Alkyl Ethoxy Sulphate:
LD50 (rat) Oral (mg/kg body weight) > 8000
LD50 Dermal (rat or rabbit) (mg/kg body weight) > 4000

Sodio lauril etere solfato
**** Not translated ****

Sodium hydroxide:
The substance is very corrosive to the eyes, the skin and the respiratory tract. Corrosive if swallowed. Inhalation of the aerosol of the substance may cause lung edema.
Acute Risks / Symptoms;
Inhalation: Corrosive. Burning sensation. Sore throat. Cough. Breathing difficulty. Shortness of breath. Symptoms may be delayed (see Notes).
Skin: Corrosive. Redness. Ache. Severe skin burns. Blisters. Repeated or prolonged contact with the skin can cause dermatitis.
Eyes: Corrosive. Redness. Ache. Blurred vision. Severe deep burns.
Ingestion: Corrosive. Burning sensation. Abdominal pain. Shock or collapse.
NOTE. Symptoms of pulmonary edema often do not appear for a few hours and are aggravated by physical exertion. Rest and medical observation are therefore essential.
LD50 (rat) Oral (mg/kg body weight) = 1350
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1350

Alchil Dimetilammina Ossido:
LD50 (rat) Oral (mg/kg body weight) = 1064

11.2. Information on other hazards

No data available.

SECTION12. Ecological information

12.1. Toxicity

Related to contained substances:
Sodium Alkyl Ethoxy Sulphate:
C(E)L50 (mg/l) = 100

Sodium hydroxide:
This substance can be dangerous for the environment; Special attention must be paid to aquatic organisms.
EC50 = 40.4 mg/L (invertebrates, Hymenochirus Biettgeri dubia, 48 h)
LC50 = 35-189mg/L (fish, 83d)

1,2-benzisothiazol-3(2H)-one:
EC50 = 4.8mg / l (invertebrates, Daphnia magna, 48h) (OECD202)
EC50 = 0.11mg / l (algae, Selenastrum capricornutum, 72h) (OECD 201)
LC50 = 1.6mg / l (fish, Oncorhynchus mykiss, 96h) (OECD 203)
C(E)L50 (mg/l) = 1,9

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

Related to contained substances:
1,2-benzisothiazol-3(2H)-one:
logPow = 1.19 OECD Test Method Guideline 117 or equivalent

12.4. Mobility in soil

Related to contained substances:
Sodium hydroxide:
Released to the soil, can melt as a result of rains and infiltrate into the ground; However difficult to assume ownership and concentration of the solution.

1,2-benzisothiazol-3(2H)-one:
Behavior in purification plants:
EC20 (3 h): 3.3 mg / l (activated sludge)

12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No adverse effects

Regulation (EC) 2004/648
More information:
Surfactant (s) content (s) in this preparation is (are) in accordance with the biodegradability criteria as laid down in Regulation CE/648/2004 on detergents. All supporting data shall be available to the competent authorities of Member States and will be provided, if they so request or at the request of a manufacturer of the formulation, the said authorities.

SECTION13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.
Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION14. Transport information

14.1. UN number or ID number

ADR/RID/IMDG/ICAO-IATA: 1719

If subject to the following characteristics is ADR exempt:
Combination packagings: per inner packaging 1 L per package 30 Kg
Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg

14.2. UN proper shipping name

ADR/RID/IMDG: LIQUIDO ALCALINO CAUSTICO N.A.S. (Idrossido di sodio, Acido fosforico)
ADR/RID/IMDG: CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide, Phosphoric acid)
ICAO-IATA: CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide, Phosphoric acid)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 8
ADR/RID/IMDG/ICAO-IATA: Label : 8
ADR: Tunnel restriction code : E
ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 L
IMDG - EmS : F-A, S-B

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous
IMDG: Marine polluting agent : Not

14.6. Special precautions for user

The goods must be transported by vehicles authorized to transport of dangerous goods according to the current edition of ADR requirements and applicable national regulations.
The goods must be in original packing, however, in packaging made of materials resistant to their content and not likely to generate with this dangerous reactions. People loading and unloading dangerous goods must be trained on the risks from these substances and that must be taken in case of emergency situations.

14.7. Maritime transport in bulk according to IMO instruments

It is not intended to carry bulk

SECTION15. Regulatory information

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

Reg (EC) n. 1907/2006 (REACH), Reg (EC) n. 1272/2008 (CLP), Reg (EC) n. 878/2020 (Requirements for the

compilation of safety data sheets), Reg (E) n.790/2009, Dir 96/82/EC as amended.
REGULATION (EU) No 1357/2014 - waste:
HP8 - Corrosive

Substances in the Candidate List (REACH Article 59)
Based on available data, no SVHC substances are present

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3
H315 = Causes skin irritation.
H318 = Causes serious eye damage.
H412 = Harmful to aquatic life with long lasting effects.
H290 = May be corrosive to metals.
H314 = Causes severe skin burns and eye damage.
H302 = Harmful if swallowed.
H317 = May cause an allergic skin reaction.
H330 = Fatal if inhaled.
H400 = Very toxic to aquatic life.
H411 = Toxic to aquatic life with long lasting effects.

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

Classification according to Regulation (EC) Nr. 1272/2008

H314-Causes severe skin burns and eye damage.Classification procedure:Calculation method
H317-May cause an allergic skin reaction.Classification procedure:Calculation method
H318-Causes serious eye damage.Classification procedure:Calculation method

Regulatory information:
Reg 1907/2006 EC
Reg 1272/2008 EC
Reg 878/2020 EC

Bibliographic data :
SAX 12 Ed Van Nostrand Reinhold
MERCK INDEX 15 Ed
ECHA: European Chemicals Agency (https://echa.europa.eu/it/information-on-chemicals)
OSHA: European Agency for Safety and Health at Work
IARC: International Agency for Research on Cancer
IPCS: International Programme on Chemical Safety (Cards)
NIOSH: Registry of toxic effects of chemical substances (1983)
ACGIH: American Conference of Governmental Industrial Hygienists
TOXNET: Toxicology Data Network
WHO: World Health Organization
CheLIST: Chemical Lists Information System
GESTIS: Inetrnational Limit Value (https://limitvalue.ifa.dguv.de/)

Acronyms:

- ACGIH American Conference of Governmental Industrial Hygienists
- ADR Accord 5Européen Relatif au Transport International des Marchandises Dangereuses par Route (European accord regarding international transport of dangerous goods by land)
- bw body weight
- CLP Classification, Labelling and Packaging
- CSR Chemical Safety Report
- DMEL Derived Minimal Effect Level
- DNEL Derived No Effect Level
- dw dry weight
- EC Effective Concentration
- IATA International Air Transport Association
- IMDG International Maritime Dangerous Goods
- LC Lethal Concentration
- LD Lethal Dose
- m.w. molecular weight
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- OECD Organisation / Office for Economic Co-operation and Development
- STEL Short Term Exposure Limit
- SVHC Substance of Very High Concern
- TLV Threshold Limit Value
- TWA Time Weighted Average
- vPvB very Persistent, very Bioaccumulative and toxic
- WGK Wassergefährdungsklasse (Water hazard class)

NOTICE TO USERS
The information contained in this sheet are based on the knowledge available at the date of the preparation of this sheet.
The user must be aware of the possible risks associated with the use of the product, other than that for which the product is supplied. The sheet does not exonerate the user from knowing and applying all the regulations governing its activities. The set of regulations mentioned is simply to help the user to fulfill its obligations regarding the use of hazardous products.
This sheet does not exonerate the user from other legal obligations than those mentioned and from rules regulating possession and use of the product, since the user is the only responsible.

*** This sheet supersedes all previous editions.