Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
DS 108-SATWIPES/PROSAT/SOCOSAT

Regulation (EU) n. 2020/878

Master item code: P28288

Safety Data Sheet date: 27/11/2024, version 8

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

1.1. Product identifier

Trade name:	DS 108-SATWIPES/PROSAT/SOCOSAT
SDS code:	P29024EU
References:	SATWIPES C86
UFI:	KUWX-NMSW-MP2D-N7HM

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

Recommended use:

Solvent

Cleaner

Industrial uses

Uses advised against:

No uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturers:

Socomore SASU - Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France -Tel. +33 (0)2 97 43 76 90

Manufacturing - Parc Gohelis - 56250 ELVEN France - Tel +33 (0)2 97 43 76 83 - Fax +33 (0)2 97 54 50 26

Socomore Ireland Ltd. - Meenane, Watergrasshill, Co. Cork, Ireland - Tel +353 21 4889922 / Fax +353 21 4889923 / ireland@socomore.com

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Competent person responsible for the safety data sheet:

msdsinformation-eu@socomore.com

1.4. Emergency telephone number

France : ORFILA (INRS) +33 (0)1 45 42 59 59

International : CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Warning, Flam. Liq. 3, Flammable liquid and vapour.

Danger, Eye Dam. 1, Causes serious eye damage.

Warning, STOT SE 3, May cause respiratory irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Danger

Hazard statements:

H226 Flammable liquid and vapour.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing vapours.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves and eye/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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/...
P312 Call a POISON CENTER if you feel unwell.
P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Contains

ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 50% - < 60%	ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate	Index number: 607-129-00-7 CAS: 687-47-8 EC: 211-694-1 REACH No.: 01-2119516234-49	2.6/3 Flam. Liq. 3 H226 3.8/3 STOT SE 3 H335 3.3/1 Eye Dam. 1 H318
>= 10% - < 12.5%	HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS	EC: 918-167-1 REACH No.: 01-2119472146-39	2.6/3 Flam. Liq. 3 H226 3.10/1 Asp. Tox. 1 H304 EUH066
>= 10% - < 12.5%	1-PROPOXY-2-PROPANOL	CAS: 1569-01-3 EC: 216-372-4 REACH No.: 01-2119474443-37	2.6/3 Flam. Liq. 3 H226 3.3/2 Eye Irrit. 2 H319

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show the packing or label.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
No particular treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:
In case of fire, use a CO2 fire extinguisher to extinguish.
Extinguishing media which must not be used for safety reasons:
None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove all sources of ignition.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Provide adequate ventilation.
Use appropriate respiratory protection.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Use localized ventilation system.
Don't use empty container before they have been cleaned.
Before making transfer operations, ensure that there aren't any incompatible material residuals in the containers.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Store under the same conditions as a combustible solid product.
Always keep in a well ventilated place.
Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Avoid accumulating electrostatic charge.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate - CAS: 687-47-8
- OEL Type: National - TWA(8h): 25 mg/m3 - STEL(15min (Miw)): 49 mg/m3 - Notes: Finland

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS
- OEL Type: National - TWA: 1200 mg/m3, 177 ppm - Notes: ExxonMobil (total des hydrocarbures, forme vapeur)
- OEL Type: National - TWA(8h): 1000 mg/m3 - STEL(15min): 1500 mg/m3 - Notes: France INRS (forme : vapeur)

1-PROPOXY-2-PROPANOL - CAS: 1569-01-3
- OEL Type: ACGIH - TWA: 25 ppm

DNEL Exposure Limit Values

1-PROPOXY-2-PROPANOL - CAS: 1569-01-3
Worker Industry: 217 mg/m3 - Consumer: 26 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 2.2 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate - CAS: 687-47-8
Target: Microorganisms in sewage treatments - Value: 0.4 mg/l
Target: Fresh Water - Value: 0.32 mg/l
Target: Marine water - Value: 0.032 mg/l
Target: Freshwater sediments - Value: 1.66 mg/kg dw
Target: Marine water sediments - Value: 0.166 mg/kg dw
Target: Soil - Value: 0.145 mg/kg dw

1-PROPOXY-2-PROPANOL - CAS: 1569-01-3

Target: Fresh Water - Value: 0.1 mg/l
Target: Marine water - Value: 0.01 mg/l
Target: Microorganisms in sewage treatments - Value: 4 mg/l
Target: Freshwater sediments - Value: 0.386 mg/l - Notes:: mg/kg p.s.
Target: Marine water sediments - Value: 0.0386 mg/kg - Notes:: mg/kg p.s.
Target: Soil (agricultural) - Value: 0.0185 mg/kg - Notes:: mg/kg p.s.
Target: PNEC intermittent - Value: 1 mg/l

Biological Exposure Index

N.A.

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Use closed fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Suitable gloves type: NF EN374

PVA (Polyvinyl alcohol).

Butyl rubber (isobutylene-isoprene copolymer)

Respiratory protection:

Use adequate protective respiratory equipment.

Filtering Half-face mask (NF EN 149), class FFP1

Mask with filter "A1" , brown colour (NF EN14387)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid coated on wipes	--	--
Colour:	Clear	--	--
Odour:	N.A.	--	--
Melting point/freezing point:	Not Relevant	--	--
Boiling point or initial boiling point and boiling range:	145 °C	--	--

Flammability:	Flam. Liq. 3, H226	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point (°C):	46 °C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	< 2,7 mbar (20°C)	--	--
Density and/or relative density:	< 1	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

No other relevant information

Volatile Organic compounds - VOCs = 930 g/l

N.A. = not available

SECTION 10: Stability and reactivity

10.1. Reactivity

It may generate dangerous reactions (See subsections below)

10.2. Chemical stability

It may generate dangerous reactions (See subsections below)

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Avoid accumulating electrostatic charge.

10.5. Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

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

Toxicological information of the product:

DS 108-SATWIPES/PROSAT/SOCOSAT

Acute toxicity

Not classified

Based on available data, the classification criteria are not met

Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation

The product is classified: Eye Dam. 1 H318

Respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

Carcinogenicity

Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

STOT-single exposure

The product is classified: STOT SE 3 H335

STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

Aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate - CAS: 687-47-8

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg - Source: OECD 401

Test: LC50 - Route: Inhalation - Species: Rat > 5400 mg/l - Duration: 4h - Source: OECD 403 - Notes: Atmosphère de test: poussières/brouillard / Test atmosphere: dust/mist

Test: NOAEL - Species: Rat = 3619 mg/kg bw

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS
Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit > 2200 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat > 4951 mg/m3 - Duration: 4h
1-PROPOXY-2-PROPANOL - CAS: 1569-01-3
Acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg
Test: LC50 - Route: Inhalation Vapour - Species: Rat = 8.34 mg/l - Duration: 4h
Respiratory or skin sensitisation:
Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

11.2. Information on other hazards

Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

Other toxicological information:
ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate
Eye contact:
Severe eye damage
Specific target organ systemic toxicity - single exposure:
Irritating to respiratory tracts
-

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS
Slightly irritating to the skin in case of prolonged exposure
Eye contact:
May cause mild and transient eye discomfort.
-

1-PROPOXY-2-PROPANOL
May cause moderate eye irritation.
Skin contact:
Prolonged contact may cause irritation.
Repeated-dose toxicity:
Eyes: possible effect on the central nervous system

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
DS 108-SATWIPES/PROSAT/SOCOSAT
Not classified for environmental hazards
Based on available data, the classification criteria are not met
ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate - CAS: 687-47-8
a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae > 10 mg/l - Duration h: 70 - Notes: Pseudokirchneriella subcapitata

Endpoint: EC50 - Species: Algae = 3500 mg/l - Duration h: 72 - Notes: Raphidocelis subcapitata, OECD 201

Endpoint: LC50 - Species: Fish = 32 mg/l - Duration h: 96 - Notes: Pimephales promelas

Endpoint: LC50 - Species: Fish = 320 mg/l - Duration h: 96 - Notes: Danio rerio ; OECD 203

b) Aquatic chronic toxicity:

Endpoint: EC50 - Species: Aquatic invertebrates = 683 mg/l - Duration h: 48 - Notes: Daphnia magna ; OECD 202

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS

a) Aquatic acute toxicity:

Endpoint: DSEO-R (NOELR) - Species: Algae = 1000 mg/l - Duration h: 72

Endpoint: EL0 - Species: Algae = 1000 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata

Endpoint: LL0 - Species: Fish = 1000 mg/l - Duration h: 96

Endpoint: EL0 - Species: Daphnia = 1000 mg/l - Duration h: 48 - Notes: Daphnia magna

b) Aquatic chronic toxicity:

Endpoint: DSEO-R (NOELR) - Species: Daphnia >= 1 mg/l - Duration h: 504 - Notes: Daphnia magna

1-PROPOXY-2-PROPANOL - CAS: 1569-01-3

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96

Endpoint: LC50 - Species: Daphnia > 100 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 1.466 mg/l - Duration h: 96

c) Bacteria toxicity:

Endpoint: EC50 - Species: bacteria = 3.800 mg/l - Duration h: 16

12.2. Persistence and degradability

ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate - CAS: 687-47-8

Biodegradability: Readily biodegradable

HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS

Biodegradability: Biodegradability rate - Duration: 28 days - %: 31.3

1-PROPOXY-2-PROPANOL - CAS: 1569-01-3

Biodegradability: Biodegradability rate - Test: OECD 301A - Duration: 28 days - %: 91.5

12.3. Bioaccumulative potential

ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate - CAS: 687-47-8

Log Pow 0.31

1-PROPOXY-2-PROPANOL - CAS: 1569-01-3

BCF <100

Log Pow 0.621

12.4. Mobility in soil

1-PROPOXY-2-PROPANOL - CAS: 1569-01-3

Log Koc 1-1,9

Volatility (H: Henry's Law Constant) 3,44*10^-7atm m³/mol - Notes: 25°C

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number or ID number

ADR-UN Number:	3175
IATA-UN Number:	3175
IMDG-UN Number:	3175

14.2. UN proper shipping name

ADR-Shipping Name:	SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate, HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS)
IATA-Shipping Name:	SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate, HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS)
IMDG-Shipping Name:	SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (ethyl (S)-2-hydroxypropionate; ethyl L-lactate; ethyl-(S)-lactate, HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS)

14.3. Transport hazard class(es)

ADR-Class:	4.1
ADR - Hazard identification number:	40
IATA-Class:	4.1
IATA-Label:	4.1
IMDG-Class:	4.1

14.4. Packing group

ADR-Packing Group:	II
IATA-Packing group:	II

IMDG-Packing group: II

14.5. Environmental hazards

ADR-Enviromental Pollutant: No
IMDG-Marine pollutant: No
IMDG-EmS: F-A , S-I

14.6. Special precautions for user

ADR-Subsidiary hazards: -
ADR-S.P.: 216 274 601
ADR-Transport category (Tunnel restriction code): 2 (E)
IATA-Passenger Aircraft: 445
IATA-Subsidiary hazards: -
IATA-Cargo Aircraft: 448
IATA-S.P.: A46
IATA-ERG: 3L
IMDG-Subsidiary hazards: -
IMDG-Stowage and handling: Category B
IMDG-Segregation: -
Q.L.: 1K
Q.E.: E2

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 CLP)
Regulation (EU) n. 2021/849 (ATP 17 CLP)

Regulation (EU) n. 2022/692 (ATP 18 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3

Restriction 40

Restrictions related to the substances contained:

Restriction 75

Listed or in compliance with the following international inventories:

N.A.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:
HYDROCARBONS, C11-C12, ISOALKANES, <2% AROMATICS (CAS: 90622-57-4)

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

DS 108-SATWIPES/PROSAT/SOCOSAT

aliphatic hydrocarbons >= 5% - < 15%

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

N.A.

N.A.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H335 May cause respiratory irritation.
H318 Causes serious eye damage.
H304 May be fatal if swallowed and enters airways.
EUH066 Repeated exposure may cause skin dryness or cracking.
H319 Causes serious eye irritation.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878.
Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking
SECTION 2: Hazards identification
SECTION 4: First aid measures
SECTION 7: Handling and storage
SECTION 8: Exposure controls/personal protection
SECTION 9: Physical and chemical properties
SECTION 10: Stability and reactivity
SECTION 11: Toxicological information
SECTION 12: Ecological information
SECTION 15: Regulatory information

(EC) 1272/2008 [CLP] Yönetmeligine göre karisimlarin siniflandirmasini elde etmek için kullanilan siniflandirma ve prosedür:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 3, H226	On basis of test data
Eye Dam. 1, H318	Calculation method
STOT SE 3, H335	Calculation method

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

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The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of

	Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.