## Safety Data Sheet dated 14/12/2020, version 5

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

#### 1.1. Product identifier

Trade name: WADIS 24 AEROSOL

SDS code: P10105

UFI: KASR-43TA-9X0P-4S4Y

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

Recommended use:

Lubricant

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 83 - Fax: +33 (0)2 97 54 50 26

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### Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

### 1.4. Emergency telephone number

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

- Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.
- Danger, Asp. Tox. 1, May be fatal if swallowed and enters airways.
- Warning, Skin Sens. 1B, May cause an allergic skin reaction.
- Warning, STOT SE 3, May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:



### Danger

#### Hazard statements:

H222, H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H336 May cause drowsiness or dizziness.

### Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P280 Wear protective gloves/clothing and eye/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P331 Do NOT induce vomiting.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

#### Special Provisions:

EUH066 Repeated exposure may cause skin dryness or cracking.

## Contains

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

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

Restricted to professional users.

### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

## **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
>= 60% - < 70%	HYDROCARBONS, C9-C11, N-ALKANES,	EC:	919-857-5	<sup>®</sup> 2.6/3 Flam. Liq. 3 H226
7070	ISOALKANES,			

	CYCLICS, <2% AROMATICS	REACH No.:	01- 2119463258 -33	<ul> <li>         \$3.10/1 Asp. Tox. 1 H304</li> <li>         \$3.8/3 STOT SE 3 H336</li> <li>         EUH066</li> </ul>
>= 3% - < 5%	Dinitrogen oxide	CAS: EC: REACH No.:	10024-97-2 233-032-0 01- 2119970538 -25	<ul> <li>         • 2.4/1 Ox. Gas 1 H270         </li> <li>         • 2.5/C Press Gas (Comp.) H280     </li> </ul>
>= 1% - < 3%	BENZENESULFONIC ACID, DI-C10-14- ALKYL DERIVS, CALCIUM SALTS	EC: REACH No.:	939-603-7 01- 2119978241 -36	<sup>1</sup> 3.4.2/1B Skin Sens. 1B H317
>= 1% - < 3%	(2- Methoxymethylethoxy)- propanol	Index number: CAS: EC: REACH No.:	603_998_97 _1 34590-94-8 252-104-2 01- 2119450011 -60	Substance with a Union workplace exposure limit.

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

## 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:
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.

Remove persons to safety.

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.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure 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 at ambient temperatures. Keep away from unquarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

### 7.3. Specific end use(s)

None in particular

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

Occupational exposure limit values

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

- OEL Type: National - TWA: 1200 mg/m3, 197 ppm - Notes: ExxonMobil

Dinitrogen oxide - CAS: 10024-97-2

- OEL Type: ACGIH TWA(8h): 50 ppm Notes: A4 CNS impair, hematologic eff, embryo/fetal dam
- OEL Type: National TWA: 100 mg/m3, 183 ppm Notes: UK
- OEL Type: National TWA: 100 mg/m3, 180 ppm Notes: Germany

(Überschreitungsfaktor 2 (II) - DFG, Y

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

- OEL Type: National TWA(8h): 310 mg/m3 Notes: Germany Notes DFG, EU
- OEL Type: National TWA(8h): 308 mg/m3, 50 ppm Notes: France VLEC TMP N° 84
- OEL Type: EU TWA(8h): 308 mg/m3, 50 ppm Notes: Skin
- OEL Type: National TWA: 270 mg/m3 STEL: 550 mg/m3 Notes: Czech Republic
- OEL Type: ACGIH TWA(8h): 100 ppm STEL: 150 ppm Notes: Skin Eye and URT irr, CNS impair
- OEL Type: National TWA(8h): 308 mg/m3, 50 ppm Notes: UK Skin
- OEL Type: National TWA: 307 mg/m3, 50 ppm STEL(5 min (Mow)): 614 mg/m3, 100 ppm Notes: Österreich

### **DNEL Exposure Limit Values**

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Worker Industry: 208 mg/kg b.w./day - Consumer: 125 mg/kg b.w./day - Exposure: Human

Dermal - Frequency: Long Term, systemic effects

Worker Industry: 871 mg/m3 - Consumer: 185 mg/kg b.w./day - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Consumer: 125 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term, systemic effects

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Worker Industry: 65 mg/kg b.w./day - Consumer: 15 mg/kg b.w./day - Exposure: Human

Dermal - Frequency: Long Term, systemic effects

Worker Industry: 310 mg/m3 - Consumer: 37.2 mg/m3 - Exposure: Human Inhalation -

Frequency: Long Term, systemic effects

Consumer: 1.67 mg/kg b.w./day - Exposure: Human Oral - Frequency: Long Term,

systemic effects

### PNEC Exposure Limit Values

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Target: Fresh Water - Value: 19 mg/l Target: Marine water - Value: 1.9 mg/l

Target: Microorganisms in sewage treatments - Value: 4168 mg/l

Target: Freshwater sediments - Value: 70.2 mg/kg - Notes:: mg/kg p.s.

Target: Marine water sediments - Value: 7.02 mg/kg - Notes:: mg/kg p.s.

Target: Soil (agricultural) - Value: 2.74 mg/kg - Notes:: mg/kg p.s.

Target: Water (intermittent discharge) - Value: 190 mg/l

Biological Exposure Index

N.A.

### 8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)

Protection for skin:

Chemical protection clothing. (type 4 - EN14605)

Protection for hands:

Suitable gloves type: NF EN374

Respiratory protection:

Mask with filter "A1", brown colour (NF EN14387) Filtering Half-face mask (NF EN 149), class FFP1

Filtering device (NF EN 143): P1, white

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
Appearance and colour:	CLEAR BROWN / SPRAY		
Odour:	N.A.		
Odour threshold:	N.A.		
pH:	N.A.		
Melting point / freezing point:	Not Relevant		
Initial boiling point and boiling range:	150 °C		
Flash point (°C):	Not Relevant		

Flash Point (°F):	N.A.		
Evaporation rate:	N.A.		
Solid/gas flammability:	N.A.		
Upper/lower flammability or explosive limits:	N.A.	-	
Vapour pressure:	N.A.		
Vapour density:	N.A.		
Relative density:	< 1		
Solubility in water:	N.A.		
Solubility in oil:	N.A.		
Partition coefficient (n-octanol/water):	N.A.		
Auto-ignition temperature:	N.A.		
Decomposition temperature:	N.A.		
Viscosity:	N.A.		
Explosive properties:	N.A.		
Oxidizing properties:	N.A.		

## 9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.		
Fat Solubility:	N.A.		
Conductivity:	N.A.	-	
Substance Groups relevant properties	N.A.		

Volatile Organic compounds - VOCs = 588 g/l

### **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None

#### 10.4. Conditions to avoid

Stable under normal conditions.

#### 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 toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg - Duration: 24 hours Test: LC50 - Route: Inhalation - Species: Rat > 4951 mg/m3 - Duration: 8h

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5.000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 9.510 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 3.350 mg/m3 - Notes: aerosol, 7h

Test: LC50 - Route: Inhalation - Species: Rat = 275 ppm - Notes: 7h

If not specified in other sections, the information required in Regulation (EU)2015/830 listed below must be considered as not relevant.:

Acute toxicity;

Skin corrosion/irritation;

Serious eye damage/irritation;

Respiratory or skin sensitisation;

Germ cell mutagenicity;

Carcinogenicity;

Reproductive toxicity;

STOT-single exposure;

STOT-repeated exposure;

Aspiration hazard.

### Other toxicological information:

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS Irritating to eyes and skin.

Repeated exposure may cause dryness or cracking of the skin.

Inhalation of vapours may cause drowsiness and dizziness.

Inhalation - May irritate respiratory tracts.

Inhalation of vapours may cause headaches, nausea, vomiting and impaired consciousness. Ingestion:

Severe lung damage, irritation of the digestive tract, nausea, vomiting and diarrhea. Risk of central nervous system depression.

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### BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Skin sensitization:

May cause skin sensitization.

Respiratory irritation:

If the product is in the form of fog or vapours produced by heating: irritation of mucous membranes and upper respiratory tract.

### **SECTION 12: Ecological information**

# 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.  $\mbox{HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, $<2\%$ AROMATICS }$ 

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss Endpoint: EC50 - Species: Algae > 1000 mg/l - Duration h: 72 - Notes: Pseudokirchnerella subcapitata

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: Daphnia magna

Endpoint: DSEO-R (NOELR) - Species: Algae = 3 mg/l - Duration h: 72 - Notes:

Pseudokirchnerella subcapitata - biomass - OECD 201)

Endpoint: DSEO-R (NOELR) - Species: Algae = 100 mg/l - Duration h: 72 - Notes:

Pseudokirchnerella subcapitata - growth rate - EOCD 201)

b) Aquatic chronic toxicity:

Endpoint: DSEO-R (NOELR) - Species: Daphnia = 0.23 mg/l - Duration h: 504 - Notes: Daphnia magna - QSAR Petrotox

Endpoint: DSEO-R (NOELR) - Species: Fish = 0.13 mg/l - Duration h: 672 - Notes: Oncorhynchus mykiss - QSAR Petrotox

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Truite arc-en-ciel Endpoint: NOEC - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Truite arc-en-ciel

Endpoint: LC0 - Species: Fish > 10000 mg/kg/d - Duration h: 96 - Notes: Cyprinodon variegatus

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 48 - Notes: Cladocère

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 72 - Notes: Selenestrum capricomutum

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1.000 mg/l - Duration h: 96 - Notes: Poecilia reticulata Endpoint: LC50 - Species: Daphnia > 1.000 mg/l - Duration h: 96 - Notes: Crangon crangon

Endpoint: EC50 - Species: Algae > 969 mg/l

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia > 0.5 mg/l - Duration h: 528 - Notes: LOEC: > 0,5 mg/l, 22 days

e) Plant toxicity:

Endpoint: NOEC = 250.000 mg/l

### 12.2. Persistence and degradability

HYDROCARBONS, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS

Biodegradability: Biodegradability rate - Duration: 28 days - %: 80

Biodegradability: Photodegradation (in air)

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Biodegradability: Oxygen depletion - %: 8

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Biodegradability: Biodegradability rate - Test: OECD 301F - Duration: 28 days - %: 75 Biodegradability: Biodegradability rate - Test: OECD 302B - Duration: 13 days - %: 93

### 12.3. Bioaccumulative potential

BENZENESULFONIC ACID, DI-C10-14-ALKYL DERIVS, CALCIUM SALTS

Log Kow 26.22

(2-Methoxymethylethoxy)-propanol - CAS: 34590-94-8

Log Pow 1.01 BCF < 100

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. 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):

16 05 04\* gases in pressure containers (including halons) containing dangerous substances



14.1. UN number

ADR-UN Number: 1950 IATA-UN Number: 1950 IMDG-UN Number: 1950

14.2. UN proper shipping name

ADR-Shipping Name: AEROSOLS FLAMMABLE IATA-Shipping Name: AEROSOLS FLAMMABLE IMDG-Shipping Name: AEROSOLS FLAMMABLE

14.3. Transport hazard class(es)

ADR-Class: 2
ADR - Hazard identification number:

IATA-Class: 2.1 IMDG-Class: 2.1

IMDG-Class: 2

14.4. Packing group

ADR-Packing Group: IATA-Packing group: IMDG-Packing group: -

14.5. Environmental hazards

ADR-Enviromental Pollutant: No IMDG-Marine pollutant: No

14.6. Special precautions for user

ADR-Subsidiary hazards: See SP63

ADR-S.P.: 190 327 344 625

ADR-Transport category (Tunnel restriction code): 2 (D)

IATA-Passenger Aircraft: 203
IATA-Subsidiary hazards: See SP63
IATA-Cargo Aircraft: 203

IATA-S.P.: A145 A167 A802

IATA-ERG: 10L

IMDG-EmS:F-D , S-UIMDG-Subsidiary hazards:See SP63IMDG-Stowage and handling:SW1 SW22IMDG-Segregation:SG69

Q.L.: 1L Q.E.: E0

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

NΑ

# **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)

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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) 2015/830
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)
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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 40

Restrictions related to the substances contained:

Restriction 28

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, C9-C11, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

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

N.A.

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

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: P3b

# 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.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

H270 May cause or intensify fire; oxidiser.

H280 Contains gas under pressure; may explode if heated.

H317 May cause an allergic skin reaction.

Hazard class and hazard category	Code	Description
Aerosols 1	2.3/1	Aerosol, Category 1
Ox. Gas 1	2.4/1	Oxidising gas, Category 1
Press Gas (Comp.)	2.5/C	Gases under pressure (Compressed gas)
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Sens. 1B	3.4.2/1B	Skin Sensitisation, Category 1B
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

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	Classification procedure
Aerosols 1, H222, H229	On basis of test data
Asp. Tox. 1, H304	Calculation method
Skin Sens. 1B, H317	Calculation method
STOT SE 3, H336	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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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

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.