

## TAWIP SOAP 10 L

WM 1508728

Order number: 0708728

Version 3.0

Revision Date 08.05.2020

Print Date 24.08.2020

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

#### 1.1 Product identifier

Trade name : TAWIP SOAP 10 L  
Identification number : 61164

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

Use of the Substance/Mixture : Cleaning agent  
Restricted to professional users.

#### 1.3 Details of the supplier of the safety data sheet

Company : Tana Chemie GmbH  
Rheinallee 96  
55120 Mainz  
Telephone : +49613196403  
Telefax : +4961319642414  
E-mail address : Produktsicherheit@werner-mertz.com  
Responsible/issuing person  
Contact person : Product development / product safety

#### 1.4 Emergency telephone number

112  
+49(0)6131-19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2 H319: Causes serious eye irritation.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : P102 Keep out of reach of children.

##### Prevention:

P260

Do not breathe spray.

P280

Wear protective gloves/ eye protection/ face protection.

##### Response:

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Additional Labelling:

Safety data sheet available on request.

### 2.3 Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Aqueous surfactant solution.

#### Hazardous components

| Chemical name                                   | CAS-No.<br>EC-No.<br>Registration number    | Classification  | Concentration<br>(% w/w) |
|---|---|---|--------------------------|
| Sulfonic acids, C14-17-sec-alkane, sodium salts | 97489-15-1<br>307-055-2<br>01-2119489924-20 | Acute Tox. 4; H302<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>Aquatic Chronic 3;<br>H412<br><br>SCL<br>> 60 % 4; H302<br>> 15 % 1; H318<br>10 - 15 % 2; H319<br>> 10 % 2; H315 | >= 2,5 - < 3             |
| linalool  | 78-70-6<br>201-134-4<br>01-2119474016-42    | Eye Irrit. 2; H319<br>Skin Irrit. 2; H315<br>Skin Sens. 1B; H317  | >= 0 - < 1               |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.

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- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Protect unharmed eye.  
If easy to do, remove contact lens, if worn.  
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
Obtain medical attention.

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

- Symptoms : Irritation
- Risks : No information available.

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

- Treatment : For specialist advice physicians should contact the Poisons Information Service.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### 5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Ensure adequate ventilation.

#### 6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Neutralise with acid.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

#### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container.

Other data : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

Specific use(s) : Cleaning agent

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

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Contains no substances with occupational exposure limit values.

### DNEL

**Sulfonic acids, C14-17-sec-  
alkane, sodium salts  
97489-15-1:**

: End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Acute local effects  
Value: 2,8 mg/cm<sup>2</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 5 mg/kg

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 35 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term local effects  
Value: 2,8 mg/cm<sup>2</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Acute local effects  
Value: 2,8 mg/cm<sup>2</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 3,57 mg/kg

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 12,4 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 7,1 mg/kg

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term local effects  
Value: 2,8 mg/cm<sup>2</sup>

**linalool  
78-70-6:**

: End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 2,8 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Inhalation

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Potential health effects: Acute systemic effects  
Value: 16,5 mg/m<sup>3</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 2,5 mg/kg

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Acute systemic effects  
Value: 5 mg/kg

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Long-term local effects  
Value: 15 mg/cm<sup>2</sup>

End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: Acute local effects  
Value: 15 mg/cm<sup>2</sup>

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Long-term systemic effects  
Value: 0,7 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: Acute systemic effects  
Value: 4,1 mg/m<sup>3</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term systemic effects  
Value: 1,25 mg/kg

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Acute systemic effects  
Value: 2,5 mg/kg

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Long-term local effects  
Value: 15 mg/cm<sup>2</sup>

End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: Acute local effects  
Value: 15 mg/cm<sup>2</sup>

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Long-term systemic effects  
Value: 0,2 mg/kg

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End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: Acute systemic effects  
Value: 1,2 mg/kg

### PNEC

**Sulfonic acids, C14-17-sec-  
alkane, sodium salts  
97489-15-1:**

: Fresh water  
Value: 0,04 mg/l  
  
Marine water  
Value: 0,004 mg/l  
  
Fresh water sediment  
Value: 9,4 mg/kg  
  
Marine sediment  
Value: 0,94 mg/kg  
  
Soil  
Value: 9,4 mg/kg  
  
STP  
Value: 600 mg/l  
  
intermittent release  
Value: 0,06 mg/l  
  
Oral  
Value: 53,3 mg/kg

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78-70-6:**

: Fresh water  
Value: 0,2 mg/l  
  
Marine water  
Value: 0,02 mg/l  
  
intermittent release  
Value: 2 mg/l  
  
STP  
Value: > 10 mg/l  
  
Fresh water sediment  
Value: 2,22 mg/kg  
  
Marine sediment  
Value: 0,222 mg/kg  
  
Soil  
Value: 0,327 mg/kg

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : If splashes are likely to occur, wear:

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Tightly fitting safety goggles

### Hand protection

Material : For prolonged or repeated contact use protective gloves.  
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374-1: 2003 (0,4 mm).  
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use

Respiratory protection : Not required; except in case of aerosol formation.  
Recommended Filter type:  
ABEK-P3-filter

### Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : Aqueous solution

Colour : yellow

Odour : characteristic

Odour Threshold : No data available

pH : ca. 10,5, at20 °C

Melting point/range : No data available

Boiling point/boiling range : No information available.

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Flammability (liquids) : No data available

Burning rate : No data available

Lower explosion limit : No data available

Upper explosion limit : No data available

Vapour pressure : No data available



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|  |  |
|--|--|
| Relative vapour density                | : No data available                    |
| Relative density                       | : No data available                    |
| Density                                | : ca. 1,017 g/cm <sup>3</sup> at 20 °C |
| Water solubility                       | : soluble                              |
| Solubility in other solvents           | : No data available                    |
| Partition coefficient: n-octanol/water | : No data available                    |
| Ignition temperature                   | : No data available                    |
| Thermal decomposition                  | : No data available                    |
| Viscosity, dynamic                     | : No data available                    |
| Viscosity, kinematic                   | : No data available                    |
| Explosive properties                   | : No data available                    |
| Oxidizing properties                   | : No data available                    |

### 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions., No decomposition if used as directed.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.  
Other information : No hazardous decomposition products are known.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

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### Product

- Acute oral toxicity : Acute toxicity estimate : > 2.000 mg/kg  
Method: Calculation method
- Skin corrosion/irritation : May cause skin irritation in susceptible persons.
- Serious eye damage/eye irritation : Vapours may cause irritation to the eyes, respiratory system and the skin.  
Causes serious eye irritation.
- Respiratory or skin sensitisation : No data available
- Germ cell mutagenicity : Not Rated
- Carcinogenicity : Not Rated
- Reproductive toxicity : Not Rated
- STOT - single exposure : The substance or mixture is not classified as specific target organ toxicant, single exposure.
- STOT - repeated exposure : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
- Aspiration toxicity : Not Rated
- Further information : No data available

### Components:

#### **Sulfonic acids, C14-17-sec-alkane, sodium salts**

##### **97489-15-1:**

- Acute oral toxicity : LD50 Oral Rat: > 2.000 mg/kg  
Method: OECD Test Guideline 401
- Acute dermal toxicity : LD50 Dermal Mouse: > 2.000 mg/kg
- Repeated dose toxicity : Rat, male and female: NOAEL: 200 mg/kg  
Application Route: Oral
- Mouse: NOAEL: 500 mg/kg  
Application Route: Dermal

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#### **78-70-6:**

- Acute oral toxicity : LD50 Rat: 2.790 mg/kg

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|                           |                                 |
|---------------------------|---------------------------------|
| Acute inhalation toxicity | : LC50 : 50.000 mg/l            |
|                           | LC50 : 50 mg/l                  |
| Acute dermal toxicity     | : LD50 Rabbit: > 5.000 mg/kg    |
|                           | LD50 Dermal Rabbit: 2.000 mg/kg |

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Product:**

**Components:**

**Sulfonic acids, C14-17-sec-alkane, sodium salts  
97489-15-1:**

|  |   |
|--|---|
| Toxicity to fish   | : LC50 (Danio rerio (zebra fish)): 1 - 10 mg/l<br>Exposure time: 96 h<br>Method: OECD Test Guideline 203  |
| Toxicity to daphnia and other aquatic invertebrates                    | : EC50 (Daphnia magna (Water flea)): 9,81 mg/l<br>Exposure time: 48 h<br>Method: OECD Test Guideline 202<br>GLP: yes  |
| Toxicity to algae  | : EC50 (Scenedesmus subspicatus): > 61 mg/l<br>Exposure time: 72 h<br>Method: OECD Test Guideline 201<br>GLP: yes   |
| Toxicity to bacteria   | : see user defined free text (Pseudomonas putida): 600 mg/l<br>Exposure time: 16 h<br>Method: DIN 38412<br>GLP:   |
| Toxicity to fish (Chronic toxicity)                                    | : NOEC:<br>Exposure time: 28 d<br>Species: Oncorhynchus mykiss (rainbow trout)<br>Analytical monitoring: yes<br>Method: OECD Test Guideline 204<br>GLP: yes |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : NOEC: 0,36 mg/l<br>Exposure time: 22 d<br>Species: Daphnia magna (Water flea)<br>Method: OECD Test Guideline 202<br>GLP: yes                              |
| Toxicity to soil dwelling organisms                                    | : NOEC: 470 mg/kg<br>Exposure time: 56 d<br>Species: Eisenia fetida (earthworms)<br>Method: OECD Test Guideline 222   |

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GLP:yes

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#### **78-70-6:**

Toxicity to fish : LC50 : 27,8 mg/l

Toxicity to daphnia and other  
aquatic invertebrates : EC50 : 59 mg/l

Toxicity to algae : EC50 : 156,7 mg/l

### 12.2 Persistence and degradability

#### **Product:**

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

#### **Components:**

##### **Sulfonic acids, C14-17-sec-alkane, sodium salts**

###### **97489-15-1:**

Biodegradability : Inoculum: activated sludge  
Result: Readily biodegradable.  
Biodegradation: 78 %  
Exposure time: 28 d  
Method: OECD 301 B  
Remarks: Readily biodegradable, according to appropriate OECD test.

Inoculum: activated sludge  
Result: rapidly biodegradable  
Biodegradation: 89 %  
Exposure time: 28 d  
Method: OECD 301 E  
Remarks: Readily biodegradable, according to appropriate OECD test.

Inoculum: activated sludge  
Result: Readily biodegradable.  
Biodegradation: 96,2 %  
Exposure time: 34 d  
Method: OECD Test Guideline 303A  
Remarks: Expected to be biodegradable

Chemical Oxygen Demand (COD) : 1.510 mg/g

Dissolved organic carbon (DOC) : 322 mg/g

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#### **78-70-6:**

Biodegradability : Result: rapidly biodegradable  
Biodegradation: 64,2 %  
Exposure time: 28 d  
Method: OECD 301 C

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### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

Not relevant

### 12.6 Other adverse effects

**Product:**

Additional ecological information : There is no data available for this product.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Product : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

## SECTION 14: Transport information

### 14.1 UN number

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 14.2 Proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### 14.4 Packing group

**ADR**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

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Not dangerous goods

### 14.5 Environmental hazards

**ADR**

Not dangerous goods

**IMDG**

Not regulated as a dangerous good

**IATA**

Not dangerous goods

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

For personal protection see section 8.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

TA Luft List (Germany) : Total dust: Not applicable  
: Inorganic substances in powdered form: Not applicable  
: Inorganic substances in vapour or gaseous form: Not applicable  
: Organic Substances: : portionClass 1: 0,01 %  
: Carcinogenic substances: Not applicable  
: Mutagenic: Not applicable  
: Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,03 %  
1,62 g/l  
VOC content excluding water

Volatile organic compounds (VOC) content : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Update: Percent volatile: 0,03 %  
0,3 g/l  
VOC content valid only for coating materials used on wood surfaces

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



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according to Detergents Regulation EC 648/2004 : 15 - <30% soap, <5% Anionic surfactants, Perfumes, LINALOOL, COUMARIN, GERANIOL

GISBAU (D) : GU 70

### 15.2 Chemical safety assessment

There is no data available for this product.

## SECTION 16: Other information

### Full text of H-Statements

|      |  |
|------|--|
| H302 | Harmful if swallowed.                              |
| H315 | Causes skin irritation.                            |
| H317 | May cause an allergic skin reaction.               |
| H318 | Causes serious eye damage.                         |
| H319 | Causes serious eye irritation.                     |
| H412 | Harmful to aquatic life with long lasting effects. |

### Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Classification procedure: H319 Calculation method

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECS - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling,



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use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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