#### 2023-8-10

**MOROCCANOIL®** 

# SAFETY DATA SHEET ACCORDING TO REGULATION (EC) 1907/2006

## Product name: Moroccanoil – Treatment Purple Creation date: 10.08.2023, Revision: 10.08.2023, version: 1.0

1.1 Product identifier	
Product name Moroccanoil – Treatment Purple	
	https://my.chemius.net/p/sUahuV/en/pd/e
1.2 Relevant identified uses of the substance or mixture and uses advised agains	st
Relevant identified uses No information.	
Uses advised against No information.	
1.3 Details of the supplier of the safety data sheet	
Supplier	
MOROCCANOIL® 1 Moshe Levi Street	
7565815 Rishon Lezion, Israel +972 3 9511086	
Fax number: +972 3 9416232, Company's contact person: Idan Avishay	
1.4 Emergency Telephone Number	
Emergency	
112	

## **SECTION 2: HAZARDS IDENTIFICATION**

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP) Skin Sens. 1; H317 May cause an allergic skin reaction. Eye Irrit. 2; H319 Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]



#### Signal word: WARNING

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

P102 Keep out of reach of children.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with national regulation.

Contains:

Parfum

#### 2.3 Other hazards

PBT/vPvB

## No information.

Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

Additional information No information.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

For mixtures see 3.2.

#### 3.2 Mixtures

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Concentration Limits	Notes for substances
CYCLOMETHICONE	69430-24-6 - -	90-100	/	/	/
Dimethicone	63148-62-9 - -	5-10	Aquatic Chronic 4; H413	/	/
Parfum	-	1-2.5	Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411	/	/
DIALKYL SODIUM SULFOSUCCINATE	577-11-7 209-406-4 - 01-2119491296-29	0.1-1	Skin Irrit. 2; H315 Eye Dam. 1; H318	/	/
ARGANIA SPINOSA KERNEL OIL	223747-87-3 607-015-7 -	0.01-0.1	/	/	/
CI 60725	81-48-1 - -	0.01-0.1	/	/	/
CI 60730	4430-18-6 - -	0.01-0.1	/	/	/
Caprylic/capric triglyceride	73398-61-5 277-452-2 -	<0.01	Skin Irrit. 2; H315 Eye Irrit. 2; H319	/	/
LINUM USITATISSIMUM SEED EXTRACT	8001-26-1 232-278-6 -	<0.01	/	/	/

## **SECTION 4: FIRST AID MEASURES**

#### 4.1 Description of first aid measures

#### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. Obtain professional medical help!

#### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. If symptoms develop and persist, seek medical attention.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation persists, seek professional medical attention.

#### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Consult a physician. Show the physician the safety data sheet or label.

4.2 Most important symptoms and effects, both acute and delayed

## Following inhalation

Excessive exposure to spray mist, fog, or vapours may cause respiratory irritation.

Following skin contact

Contact with skin may cause irritation (redness, itching). May cause sensitisation by skin contact (itching, redness, rashes).

Following eye contact

Redness, tearing, pain.

Following ingestion

May cause nausea/vomiting and diarrhea. May cause abdominal discomfort. Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## **SECTION 5: FIREFIGHTING MEASURES**

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Water spray. Alcohol resistant foam.

Unsuitable extinguishing media Full water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

#### 5.3 Advice for firefighters

Protective actions

In case of fire or heating do not breathe fumes/vapours. No action shall be taken involving any personal risk or without

#### suitable training.

Special protective equipment for fire-fighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (BS EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (BS EN 137).

Additional information No information.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

No information.

Precautionary measures

Ensure adequate ventilation.

#### Emergency procedures

No action shall be taken involving any personal risk or without suitable training. Prevent access to unprotected personnel. Evacuate the danger zone. Do not breathe vapour or mist.

#### For emergency responders Use personal protective equipment.

#### 6.2 Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. In case of release into the environment, inform the relevant authorities.

6.3 Methods and material for containment and cleaning up

#### For containment

Stem the spill if this does not pose risks.

#### For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Prevent release into the sewer, water, basements or confined areas. Ventilate the premises. Clean contaminated area with plenty of water.

Other information No information.

6.4 Reference to other sections

See also sections 8 and 13.

## **SECTION 7: HANDLING AND STORAGE**

7.1 Precautions for safe handling

Protective measures

Measures to prevent fire

## Ensure adequate ventilation.

Measures to prevent aerosol and dust generation

Use general or local exhaust ventilation to prevent inhaling vapours and aerosols.

Measures to protect the environment

Do not discharge into drains, surface water and soil. After use immediately close container tightly.

Other measures

No information.

Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Do not breathe vapours/mist. Remove contaminated clothes and wash them before reuse. Wear suitable protective equipment; see Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep in a cool, dry and well ventilated place. Keep away from food, drink and animal feeding stuffs.

Packaging materials

Store only in original container.

Requirements for storage rooms and vessels Close opened containers after use. Put the containers upright to prevent from leaking. Do not store in unlabelled containers.

Storage class

No information.

Further information on storage conditions No information.

## 7.3 Specific end use(s)

Recommendations No information.

Industrial sector specific solutions No information.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## 8.1 Control parameters

Occupational Exposure limit values No information.

Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

**DNEL/DMEL** values

For product

# No information.

For components

Name	Туре	Exposure route	exp. frequency	Remark	value
DIALKYL SODIUM SULFOSUCCINATE	Worker	inhalation	long term	systemic	1889.1 mg/m³
DIALKYL SODIUM SULFOSUCCINATE	Worker	dermal	long term	systemic	267.86 mg/kg
DIALKYL SODIUM SULFOSUCCINATE	Consumer	inhalation	long term	systemic	559.01 mg/m³
DIALKYL SODIUM SULFOSUCCINATE	Consumer	dermal	long term	systemic	160.71 mg/kg bw/day
DIALKYL SODIUM SULFOSUCCINATE	Consumer		long term	systemic	17.86 mg/kg bw/day
Caprylic/capric triglyceride	Worker	dermal	long term systemic effects	mg/kg per day	25.21 mg/kg

Caprylic/capric triglyceride	Worker	inhalation	long term systemic effects	/	177.79 mg/m³
Caprylic/capric triglyceride	Consumer	dermal	long term systemic effects	/	12.61 mg/kg bw/day
Caprylic/capric triglyceride	Consumer	inhalation	long term systemic effects	/	43.84 mg/m <sup>3</sup>
Caprylic/capric triglyceride	Consumer	oral	long term systemic effects	/	12.61 mg/kg bw/day

**PNEC** values

For product

## No information.

## For components

Name	Exposure route	Remark	value
DIALKYL SODIUM SULFOSUCCINATE	fresh water	/	0.18 mg/L
DIALKYL SODIUM SULFOSUCCINATE	water, intermittent release	fresh water	0.152 mg/L
DIALKYL SODIUM SULFOSUCCINATE	marine water	/	0.018 mg/L
DIALKYL SODIUM SULFOSUCCINATE	STP	/	12.2 mg/L
DIALKYL SODIUM SULFOSUCCINATE	fresh water sediment	/	17.789 mg/kg dw
DIALKYL SODIUM SULFOSUCCINATE	marine water sediment	/	1.779 mg/kg dw
DIALKYL SODIUM SULFOSUCCINATE	soil	/	1.04 mg/kg dw

#### 8.2 Exposure controls

#### Appropriate engineering control

Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while working. Do not breathe vapours/aerosols.

#### Structural measures to prevent exposure

## No information.

Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration. Keep away from food, drink and animal feeding stuffs.

## Personal protective equipment

Eye and face protection

Safety glasses with side protection (BS EN ISO 16321-1:2022).

#### Hand protection

Protective gloves (EN ISO 374-1:2016). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

## Appropriate materials

#### Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2022). At high risk of skin exposure chemical suits (BS EN 13034:2005+A1:2009) and boots may be required (BS EN ISO 20345:2022).

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Wear suitable protective breathing mask (EN 136) with filter A2-P2 (EN 14387).

## Thermal hazards

#### No information.

Environmental exposure controls Substance/mixture related measures to prevent exposure

#### No information.

Instruction measures to prevent exposure No information.

Organisational measures to prevent exposure No information.

Technical measures to prevent exposure

Do not allow product to reach drains, sewage systems or ground water.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Information on basic physical and chemical properties

Physical state

liquid - viscous liquid

- Colour
- violet

Odour

## characteristic

Important health, safety and environmental information

Odour threshold	No information.
Melting point/Freezing point	No information.
Boiling point or initial boiling point and boiling range	No information.
Flammability	No information.
Lower and upper explosion limit	No information.
Flash point	No information.
Auto-ignition temperature	No information.
Decomposition temperature	No information.
рН	No information.
Viscosity	350 - 700
Solubility	No information.
Partition coefficient	No information.
Vapour pressure	No information.
Density and/or relative density	0.9 — 1 g/ml at 25 °C
Relative vapour density	No information.
Particle characteristics	No information.

#### 9.2 Other information

Explosive properties

No information.

## **SECTION 10: STABILITY AND REACTIVITY**

## 10.1 Reactivity

No information.

10.2 Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

10.3 Possibility of hazardous reactions No information.

10.4 Conditions to avoid

No information.

10.5 Incompatible materials

No information.

10.6 Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

(a) Acute toxicity

For components

Name	Exposure route	Туре	Species	Time	value	Method	Remark
Dimethicone	oral	LD <sub>50</sub>	rat	/	24 g/kg	1	/
DIALKYL SODIUM SULFOSUCCINAT E	oral	LD <sub>50</sub>	rat	/	3000 mg/kg	OECD 401	/
DIALKYL SODIUM SULFOSUCCINAT E	dermal	LD <sub>50</sub>	rabbit	/	10000 mg/kg bw	OECD 402	/
DIALKYL SODIUM SULFOSUCCINAT E	inhalation	LC <sub>50</sub>	rat	96 h	20000 mg/m <sup>3</sup>	/	/
Caprylic/capric triglyceride	oral	LD <sub>50</sub>	rat	/	> 5000 mg/kg	/	/
Caprylic/capric triglyceride	dermal	LD <sub>50</sub>	rat	/	> 2000 mg/kg	/	/
LINUM USITATISSIMUM SEED EXTRACT	oral	LC <sub>50</sub>	rat	/	> 5000 mg/kg	/	/

Additional information

The product is not classified as acutely toxic.

(b) Skin corrosion/irritation

For components

Name	Species	Time	result	Method	Remark
Caprylic/capric triglyceride	rabbit	/	not irritating	EPA OPP 81-5	/
LINUM USITATISSIMUM SEED EXTRACT	/	/	Non-irritant.	/	/

(c) Serious eye damage/irritation

For components

Name	Exposure route	Species	Time	result	Method	Remark
Caprylic/capric triglyceride	1	rabbit	1	not irritating	/	/
LINUM USITATISSIMUM SEED EXTRACT	/	/	/	Non-irritant.	/	/

## Additional information

Causes serious eye irritation.

(d) Respiratory or skin sensitisation

For components

Name	Exposure route	Species	Time	result	Method	Remark
Caprylic/capric triglyceride	dermal	/	/	Non-sensitizing. (guinea pig)	/	/

## Additional information

## May cause an allergic skin reaction.

(e) (Germ cell) mutagenicity

#### For components

Name	Туре	Species	Time	result	Method	Remark
Caprylic/capric triglyceride	/	-	/	Negative.	OECD 471	Ames test
Caprylic/capric triglyceride	/	mouse	/	Negative.	OECD 474	/
Caprylic/capric triglyceride	/	Bacteria	/	Negative.	/	/
LINUM USITATISSIMUM SEED EXTRACT	in-vitro mutagenicity	/	/	Negative.	/	/

## Carcinogenicity

No information.

#### (g) Reproductive toxicity

For components

(f)

Name	Reproductive toxicity type	Туре	Species	Time	value	result	Method	Remark
Caprylic/capric triglyceride	/	/	/	/	/	Repeated oral uptake of the substance did not cause damage to the reproductive organs.	/	/
LINUM USITATISSIMU M SEED EXTRACT	Maternal toxicity	NOAEL	rat	1	> 2000 mg/kg	No teratogenic effects.	/	Test conducted with a similar formulation.

## Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

## (h) STOT-single exposure

No information.

## Additional information

## STOT SE (single exposure): Not classified.

(i) STOT-repeated exposure

#### For components

Name	Exposure route	Туре	Species	Time	Exposure	organ	value	result	Method	Remark
LINUM USITATISSI MUM SEED EXTRACT	oral	NOAEL	rat	/	/	/	> 2500 mg/kg	/	/	Test conducted with a similar formulation.

#### Additional information

## STOT RE (repeated exposure): Not classified.

Aspiration hazard

#### No information.

(j)

Additional information

## Aspiration hazard: Not classified.

Symptoms related to the physical, chemical and toxicological characteristics

No information. Interactive effects No information.

## 11.2 Information on other hazards

Endocrine disrupting properties

## The product does not contain substances with the potential for endocrine disorders.

Other information

No information.

## SECTION 12: ECOLOGICAL INFORMATION

## 12.1 Toxicity

Acute (short-term) toxicity

For components

Name	Туре	value	Exposure time	Species	organism	Method	Remark
DIALKYL SODIUM SULFOSUCCINAT E	EC50	82.5 mg/L	72 h	algae	Desmodesmus subspicatus	OECD 201	/
DIALKYL SODIUM SULFOSUCCINAT E	LC <sub>50</sub>	49 mg/L	96 h	fish	/	EU C.1	/
DIALKYL SODIUM SULFOSUCCINAT E	EC <sub>50</sub>	15.2 mg/L	48 h	Daphnia	Daphnia magna	OECD 402	/
Caprylic/capric triglyceride	LC <sub>50</sub>	> 100 mg/L	96 h	fish	Brachydanio rerio	OECD 203	/
Caprylic/capric triglyceride	EC <sub>50</sub>	> 100 mg/L	/	/	Daphnia magna	/	The product has not been tested. The data refer to a product with similar composition.
Caprylic/capric triglyceride	EC <sub>50</sub>	> 100 mg/L	/	algae	Scenedesmus subspicatus	/	The product has not been tested. The data refer to a product with similar composition.
Caprylic/capric triglyceride	EC0	> 100 mg/L	1	bacteria	Pseudomonas putida	OECD 209	1
LINUM USITATISSIMUM SEED EXTRACT	LC <sub>50</sub>	> 1000 mg/L	96 h	fish	Brachydanio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)	/
LINUM USITATISSIMUM SEED EXTRACT	EC <sub>10</sub>	67000 mg/L	/	bacteria	Pseudomonas putida	/	/

## Chronic (long-term) toxicity

For components

Name	Туре	value	Exposure time	Species	organism	Method	Remark
Caprylic/capric triglyceride	NOEC	10 - 100 mg/l	/	Magna Daphnia	Daphnia magna	/	The product has not been tested. Test performed on a similar product.

# Abiotic degradation, physical- and photo-chemical elimination

# No information.

Biodegradation

For components

Name	Туре	Rate	Time	Evaluation	Method	Remark
DIALKYL SODIUM SULFOSUCCINATE	biodegradability	93.2 %	/	Very easily biodegradable.	OECD 302B	expert assessment, EMPLA no. T141/2020

#### 12.3 Bioaccumulative potential

Partition coefficient No information.

# Bioconcentration factor (BCF)

For components

Name	Species	organism	value	Duration	Evaluation	Method	Remark
LINUM USITATISSIMUM SEED EXTRACT	BCF	/	< 10	/	/	/	/

#### 12.4 Mobility in soil

Known or predicted distribution to environmental compartments

No information.

# Surface tension

No information.

Adsorption/Desorption

No information.

## 12.5 Results of PBT and vPvB assessment

No evaluation.

## 12.6 Endocrine disrupting properties

The product does not contain substances with the potential for endocrine disorders.

## 12.7 Other adverse effects

No information.

## 12.8 Additional information

For product

Product is not classified as dangerous for environment. Do not allow to reach ground water, water courses or sewage system.

For components

LINUM USITATISSIMUM SEED EXTRACT Translation required (56385)

## SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product / Packaging disposal

#### Waste chemical

Do not allow product to reach drains/sewage systems. Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW No information.

No mornad

Packaging

Deliver completely emptied containers to approved waste disposal authorities. Uncleaned containers are classified as hazardous waste - they should be handled in the same manner as the contents.

Waste codes / waste designations according to LoW No information.

Waste treatment-relevant information No information.

Sewage disposal-relevant information No information.

Other disposal recommendations No information.

## **SECTION 14: TRANSPORT INFORMATION**

DR/RID	IMDG	IATA	ADN
14.1 UN number or ID number			
Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.
14.2 UN proper shipping name			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.3 Transport hazard class(es)			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.4 Packing group			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
14.5 Environmental hazards			
NO	NO	NO	NO
14.6 Special precautions for user			
Limited quantities Not given/not applicable	Limited quantities Not given/not applicable		Limited quantities Not given/not applicable
14.7 Maritime transport in bulk according to IMO instruments			
	Not given/not applicable		

## **SECTION 15: REGULATORY INFORMATION**

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

#### - Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline) not applicable

Ingredients according to Regulation (EC) No 648/2004 on detergents No information.

Special instructions

Observe the regulations on employment and protection against dangerous substances for young people, pregnant women and nursing mothers.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16:	OTHER INF	ORMATION
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Indication of changes No information.

Key literature references and sources for data

No information.

Abbreviations and acronyms

ATE - Acute Toxicity Estimate

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

CEN - European Committee for Standardisation

C&L - Classification and Labelling

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

CAS# - Chemical Abstracts Service number

CMR - Carcinogen, Mutagen, or Reproductive Toxicant

CSA - Chemical Safety Assessment

CSR - Chemical Safety Report

DMEL - Derived Minimal Effect Level

DNEL - Derived No Effect Level

DPD - Dangerous Preparations Directive 1999/45/EC

DSD - Dangerous Substances Directive 67/548/EEC

DU - Downstream User

EC - European Community

ECHA - European Chemicals Agency

EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)

EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)

EEC - European Economic Community

EINECS - European Inventory of Existing Commercial Substances

ELINCS - European List of notified Chemical Substances

EN - European Standard

EQS - Environmental Quality Standard

EU - European Union

Euphrac - European Phrase Catalogue

EWC - European Waste Catalogue (replaced by LoW - see below)

GES - Generic Exposure Scenario

GHS - Globally Harmonized System

IATA - International Air Transport Association

ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG - International Maritime Dangerous Goods

IMSBC - International Maritime Solid Bulk Cargoes

IT - Information Technology

IUCLID - International Uniform Chemical Information Database

IUPAC - International Union for Pure Applied Chemistry JRC - Joint Research Centre Kow - octanol-water partition coefficient LC50 - Lethal Concentration to 50 % of a test population LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose) LE - Legal Entity LoW - List of Wastes (see http://ec.europa.eu/environment/waste/framework/list.htm) LR - Lead Registrant M/I - Manufacturer / Importer MS - Member States MSDS - Material Safety Data Sheet **OC** - Operational Conditions OECD - Organization for Economic Co-operation and Development **OEL - Occupational Exposure Limit** OJ - Official Journal OR - Only Representative OSHA - European Agency for Safety and Health at work PBT - Persistent, Bioaccumulative and Toxic substance PEC - Predicted Effect Concentration PNEC(s) - Predicted No Effect Concentration(s) **PPE - Personal Protection Equipment** (Q)SAR - Qualitative Structure Activity Relationship REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail **RIP - REACH Implementation Project** RMM - Risk Management Measure SCBA - Self-Contained Breathing Apparatus SDS - Safety data sheet SIEF - Substance Information Exchange Forum SME - Small and Medium sized Enterprises STOT - Specific Target Organ Toxicity (STOT) RE - Repeated Exposure (STOT) SE - Single Exposure SVHC - Substances of Very High Concern **UN - United Nations** vPvB - Very Persistent and Very Bioaccumulative List of relevant H phrases H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life.