

# Safety Data Sheet

acc. to The REACH etc. (Amendment etc.) (EU Exit)

Regulations 2019, SI 2019/758 (as amended)

## MB ActiveCleaner

Version number: 7.0

Replaces version of: 2023-05-25 (6)

Revision: 2024-11-21

First version: 2017-04-26

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

#### 1.1 Product identifier

**Trade name** MB ActiveCleaner

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

**Relevant identified uses** Cleaning agent

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

URIMAT Schweiz AG  
Etzelstrasse 39  
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Switzerland

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Website: www.urimat.ch

**e-mail (competent person)** sdb@csb-online.de

Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact URIMAT Schweiz AG.

#### 1.4 Emergency telephone number

As above or nearest toxicological information centre.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP)

This mixture does not meet the criteria for classification.

#### 2.2 Label elements

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

**Signal word** Not required.

**Pictograms** Not required.

Supplemental hazard information

**EUH210** Safety data sheet available on request.

**Additional labelling requirements** see section 15 of the safety data sheet

#### 2.3 Other hazards

There is no additional information.

**Results of PBT and vPvB assessment**

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

**Endocrine disrupting properties**

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not relevant (mixture).

**3.2 Mixtures****Description of the mixture**

Hazardous ingredients				
Name of substance	Identifier	Wt%	Classification acc. to GHS	Notes
alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No 68891-38-3  EC No 500-234-8	1 - < 3	Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Aquatic Chronic 3 / H412	-

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
alcohols, C12-14, ethoxylated, sulfates, sodium salts	Eye Dam. 1; H318: $C \geq 10 \%$ Eye Irrit. 2; H319: $5 \% \leq C < 10 \%$	-	-	-

**Remarks**

For full text of H-phrases: see SECTION 16

**SECTION 4: First aid measures****4.1 Description of first aid measures****General notes**

Self-protection of the first aider.

Remove affected person from the danger area and lay down.

Do not leave affected person unattended.

In all cases of doubt, or when symptoms persist, seek medical advice.

**Following inhalation**

Provide fresh air.

**Following skin contact**

Wash with plenty of soap and water.

**Following eye contact**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

## Following ingestion

Rinse mouth. Do not induce vomiting.  
Get medical advice/attention if you feel unwell.

## Notes for the doctor

None.

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

This information is not available.

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

None.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

water jet

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

Hazardous decomposition products: Section 10.

#### Hazardous combustion products

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

Non-combustible.

Keep containers cool with water spray.

In case of fire and/or explosion do not breathe fumes.

Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

#### Special protective equipment for firefighters

Wear self-contained breathing apparatus

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ventilate affected area.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

## 6.2 Environmental precautions

Keep away from drains, surface and ground water.  
Retain contaminated washing water and dispose of it.

## 6.3 Methods and material for containment and cleaning up

### Advice on how to clean up a spill

Collect spillage.  
Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

### Appropriate containment techniques

Use of adsorbent materials.

### Other information relating to spills and releases

Place in appropriate containers for disposal.  
Ventilate affected area.

## 6.4 Reference to other sections

Hazardous combustion products: see section 5.  
Personal protective equipment: see section 8.  
Incompatible materials: see section 10.  
Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.  
Do not breathe vapour/spray.

### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.

### Specific notes/details

None.

### Measures to protect the environment

Avoid release to the environment.

### Advice on general occupational hygiene

Do not eat, drink and smoke in work areas.  
Wash hands after use.  
Preventive skin protection (barrier creams/ointments) is recommended.  
Remove contaminated clothing and protective equipment before entering eating areas.

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

#### Flammability hazards

None.

#### Incompatible substances or mixtures

Incompatible materials: see section 10.

#### Protect against external exposure, such as

frost

## Consideration of other advice

Keep away from food, drink and animal feedingstuffs.

## General rule

Keep out of reach of children.

## Ventilation requirements

Provision of sufficient ventilation.

## Specific designs for storage rooms or vessels

Keep container tightly closed and in a well-ventilated place.

## Packaging compatibilities

Keep only in original container.

## 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limit values (Workplace Exposure Limits)

This information is not available

#### Human health values

Relevant DNELs of components						
Name of substance	CAS No	End-point	Threshold level	Protection goal, route of exposure	Used in	Exposure time
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	411 mg/m <sup>3</sup>	human, inhalatory	worker (industry)	chronic - systemic effects
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	DNEL	5,830 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects

#### Environmental values

Relevant PNECs of components				
Name of substance	CAS No	Endpoint	Threshold level	Environmental compartment
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	0.129 mg/l	freshwater
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	0.013 mg/l	marine water
alcohols, C12-14, ethoxylated,	68891-38-3	PNEC	10 g/l	sewage treatment plant

Relevant PNECs of components				
Name of substance	CAS No	Endpoint	Threshold level	Environmental compartment
sulfates, sodium salts				(STP)
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	4.835 mg/kg	freshwater sediment
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	0.483 mg/kg	marine sediment
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	PNEC	7.5 mg/kg	soil

## 8.2 Exposure controls

### Appropriate engineering controls

Use local and general ventilation.

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Use protective eyewear to guard against splash of liquids.  
(EN 166)

#### Hand protection

Protective gloves		
Material	Material thickness	Breakthrough times of the glove material
these information are not available	these information are not available	these information are not available

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Body protection

Protective clothing against liquid chemicals.  
(EN 13832, EN 340, EN 14605).

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.  
Particle filter device (DIN EN 143).

#### Environmental exposure controls

Use appropriate container to avoid environmental contamination.  
Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Colour</b>	light red
<b>Odour</b>	characteristic
<b>Melting point/freezing point</b>	not determined
<b>Boiling point or initial boiling point and boiling range</b>	not determined
<b>Flammability</b>	non-combustible
<b>Lower and upper explosion limit</b>	not determined
<b>Flash point</b>	not determined
<b>Auto-ignition temperature</b>	not determined
<b>Decomposition temperature</b>	not relevant
<b>pH (value)</b>	7
<b>Kinematic viscosity</b>	not determined
<b>Dynamic viscosity</b>	not determined
<b>Solubility(ies)</b>	
Water solubility	miscible in any proportion
<b>Partition coefficient n-octanol/water (log value)</b>	not determined
<b>Vapour pressure</b>	not determined
<b>Density and/or relative density</b>	
Density	not determined
Relative vapour density	information on this property is not available
<b>Particle characteristics</b>	not relevant (liquid)

### 9.2 Other information

<b>Information with regard to physical hazard classes</b>	hazard classes acc. to GHS (physical hazards): not relevant
<b>Other safety characteristics</b>	there is no additional information

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

This material is not reactive under normal ambient conditions.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

oxidisers

### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.

Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

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

#### Classification procedure

If not otherwise specified the classification is based on:

Ingredients of the mixture (additivity formula).

#### Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification.

#### Acute toxicity

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

#### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

#### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Classification could not be established because:

Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Respiratory sensitisation

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Germ cell mutagenicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Carcinogenicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Reproductive toxicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Specific target organ toxicity - single exposure

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Specific target organ toxicity - repeated exposure

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

## Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## 11.2 Information on other hazards

### Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity (acute)

Based on available data, the classification criteria are not met.

#### Aquatic toxicity (acute) of components

Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	EC50	48 h	7.4 mg/l	daphnia magna	OECD Guideline 202	ECHA Chem
alcohols, C12-14, ethoxylated,	68891-38-3	LC50	96 h	1.17 mg/l	daphnia magna	OECD Guideline 211	ECHA

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Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
sulfates, sodium salts							
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	LC50	96 h	7.1 mg/l	zebra fish (Danio rerio)	OECD Guideline 203	ECHA Chem
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	ErC50	72 h	27.7 mg/l	algae (Desmodesmus subspicatus)	OECD Guideline 201	ECHA

## Aquatic toxicity (chronic)

Based on available data, the classification criteria are not met.

## Aquatic toxicity (chronic) of components

Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	EC50	21 d	0.37 mg/l	aquatic invertebrates	-	ECHA
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	EC50	16 h	>10 g/l	activated sludge (Pseudomonas putida)	DIN 38412-8	ECHA
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	NOEC	72 h	0.95 mg/l	algae (Desmodesmus subspicatus)	-	ECHA Chem
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	NOEC	21 d	≥1.19 mg/l	daphnia magna	OECD Guideline 211	ECHA Chem
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	growth (Eb-Cx) 10%	28 d	1.7 mg/l	fish	-	ECHA Chem
alcohols, C12-	68891-38-3	growth (Eb-	16 h	>10 g/l	activated	DIN 38412-	ECHA

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Name of substance	CAS No	Endpoint	Exposure time	Value	Species	Method	Source
14, ethoxylated, sulfates, sodium salts		Cx) 10%			sludge (Pseudomonas putida)	8	
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	growth rate (ErCx) 10%	72 h	4.4 mg/l	algae (Desmodesmus subspicatus)	OECD Guideline 201	ECHA

## 12.2 Persistence and degradability

### Biodegradation

Test data are not available for the complete mixture.

### Degradability of components

Name of substance	CAS No	Process	Degradation rate	Time	Method	Source
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	oxygen depletion	≥77 %	28 d	OECD Guideline 301 D	ECHA

### Persistence

No data available.

## 12.3 Bioaccumulative potential

### Bioaccumulative potential of components

Name of substance	CAS No	BCF	Log KOW
alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	-	0.3 (pH value: 6.1, 23 °C)

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of ≥ 0,1%.

## 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0,1%.

## 12.7 Other adverse effects

Data are not available.

## Remarks

Wassergefährdungsklasse, WGK (water hazard class): 1.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Sewage disposal-relevant information

Do not empty into drains.

#### Waste treatment of containers/packagings

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

## Remarks

Please consider the relevant national or regional provisions.

## SECTION 14: Transport information

14.1	UN number or ID number	not assigned
14.2	UN proper shipping name	-
14.3	Transport hazard class(es)	-
14.4	Packing group	-
14.5	Environmental hazards	-
14.6	Special precautions for user	-
14.7	Maritime transport in bulk according to IMO instruments	-

## SECTION 15: Regulatory information

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

#### Relevant provisions of the European Union (EU)

##### Seveso Directive

Not assigned.

##### Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

## Regulation 648/2004/EC on detergents

Labelling of contents	
Wt%	Constituents
< 5 %	anionic surfactants non-ionic surfactants
-	perfumes preservation agents (2-BROMO-2-NITROPROPANE-1,3-DIOL, BENZISOTHIAZOLINONE)

## Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

## Regulation on drug precursors

None of the ingredients are listed.

## Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

## Regulation concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

## Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

## National regulations (GB)

### List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list

None of the ingredients are listed

### Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)			
Name of substance	Name acc. to inventory	CAS No	Conditions of restriction
alcohols, C12-14, ethoxylated, sulfates, sodium salts	this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC	-	R3

#### Legend

- R3
1. Shall not be used in:
    - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
    - tricks and jokes,
    - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
  2. Articles not complying with paragraph 1 shall not be placed on the market.
  3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
    - can be used as fuel in decorative oil lamps for supply to the general public, and,
    - present an aspiration hazard and are labelled with R65 or H304,
  4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they con-

## Legend

form to the British Standard Specification on Decorative oil lamps (BS EN 14059) adopted by the British Standards Institute.

5. Without prejudice to the implementation of other legislation relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:

(a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010 'Just a sip of lamp oil

— or even sucking the wick of lamps

— may lead to life-threatening lung damage';

(b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as

follows: 'Just a sip of grill lighter may lead to life-threatening lung damage';

(c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.

7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the Agency.

## 15.2 Chemical Safety Assessment

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

## SECTION 16: Other information

### Indication of changes (revised safety data sheet)

Section	Former entry (text/value)	Actual entry (text/value)
2.3	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance in a concentration of $\geq 0,1\%$ .	Results of PBT and vPvB assessment: Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$ .
3.2	Mixtures: Hazardous ingredients acc. to EU regulation None	Mixtures
3.2	-	Description of the mixture
3.2	-	Hazardous ingredients: change in the listing (table)
3.2	-	Hazardous ingredients: change in the listing (table)
8.1	-	Relevant DNELs of components: change in the listing (table)
8.1	-	Relevant PNECs of components: change in the listing (table)
8.2	Eye/face protection: Use protective eyewear to guard against splash of liquids.	Eye/face protection: Use protective eyewear to guard against splash of liquids. (EN 166)
8.2	-	Body protection: Protective clothing against liquid chemicals.

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Section	Former entry (text/value)	Actual entry (text/value)
		(EN 13832, EN 340, EN 14605).
8.2	Respiratory protection: In case of inadequate ventilation wear respiratory protection. Type: A-P2 (combined filters against particles and organic gases and vapours, colour code: Brown/White).	Respiratory protection: In case of inadequate ventilation wear respiratory protection. Particle filter device (DIN EN 143).
15.1	Restrictions according to REACH, Annex XVII: Not listed.	-
15.1	-	Restrictions according to GB REACH, Annex 17
15.1	-	Dangerous substances with restrictions (GB REACH, Annex 17): change in the listing (table)

## Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
ED	Endocrine disruptor
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GB REACH	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)

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Abbr.	Descriptions of used abbreviations
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
IMDG	International Maritime Dangerous Goods Code
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
log KOW	n-Octanol/water
NLP	No-Longer Polymer
NOEC	No Observed Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
vPvB	Very Persistent and very Bioaccumulative

## Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

Regulations concerning the International Carriage of Dangerous Goods by Rail (RID).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

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## Disclaimer

This information is based upon the present state of our knowledge.  
This SDS has been compiled and is solely intended for this product.