MATERIAL SAFETY DATA SHEET
According to (EC) No 1706/2006 (REACH), 1272/2008 and Regulation (EU) 2015/830

Metal Polish Unipol® 2102

Date of Issue: 23.05.2019
Revised: 23.05.2019

## 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY

| | |
|---|---|
| 1.1 Trade name: | FLITZ METAL POLISH |
| 1.2 General chemical description | mixture of water, fatty acids, hydrocarbons, aluminumoxide, oil, emulsifier |
| relevant uses | polishing agent |

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

**Company identification:**

FLITZ METAL POLISH
821 Mohr Ave.
Waterford, WI 53185
Tel.: (262)-534-5898
Fax: (262)-534-2991
Homepage: www.flitz.com
email: info@flitz.com

| | |
|---|---|
| **adress enquires to** | |
| **technical information** | info@flitz.com |
| **safety data sheet** | jim@flitz.com |
| **emergency telephone number** | |
| **advisory body** | (262)-534-5898 |

## 2. Hazards identification

2.1 Classification of substance or mixture

Aquastic Chronic 3: H412 Harmful to aquatic life with long lasting effect

2.2 Label elements:

the product is required to be labelled in accordance with Regulation (EC) No 1272/2008 [CLP]

| | |
|---|---|
| hazard pictogram | none |
| signal word | none |
| hazardous statements | H412, harmful to aqautic life with long lasting effect |
| precautionary statements | P273: avoid release to environment |
| | P501: Dispose of the content/ container in accordance to local/ national regulation |
| special labelling: | EUH066 repeated exposure may cause skin dryness or cracking |

2.3 other hazards

| | |
|---|---|
| human dealth danger | If swallowed or n the event of vormiting, risk of product entering the lungs |
| environmental hazards | Does not contain any PBT of vBvB substances |
| other hazards | further hazards were not determined with the current level of knowledge |

**3. Composition/ information on ingredients:**

Product type: the product is a mixture

| range | Substance | |
|---|---|---|
| 30-35 % | water CAS 7732-18-5 | |
| 30-35 % | aluminumoxide | CAS 1344-28-1 EG 215-691-6 REACH 01-2119529248-35 |

| | |
|---|---|
| 5-10 % | oleid acid CAS 67701-08-0 EG 232-832-7 |
| 5-10 % | hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| | EINECS/ELINCS: 920-107-4, Reg-No.: 01-2119453414-43-XXX<br>GHS/CLP: Asp. Tox. 1: H304 |
| 5-10 % | hydrocarbons, C13-C16, iso-alkans, cyclics, < 2 % Aromatics |
| | CAS: 64742-47-8, EINECS/ELINCS: 918-973-3, Reg-No.: 01-2119458871-30<br>GHS/CLP: Asp. Tox. 1: H304 |
| 5-10 % | hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| | CAS: 64742-47-8, EINECS/ELINCS: 921-050-8 , Reg-No.: 01-2119485032-45-XXXX<br>GHS/CLP: Asp. Tox. 1: H304 |
| 1-5 % | hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| | CAS: 64742-47-8, EINECS/ELINCS: 926-141-6, EU- INdex: 649-422-00-2, Reg. No 01-2119456620- ,<br>Reg-No.: 01- 2119456620-43-0000<br>GHS/CLP: Asp. Tox. 1: H304 |
| 1-5 % | hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| | EINECS/ELINCS: 917-488-4 Reg No.: 01-2119458943-27<br>GHS/CLP: Asp. Tox. 1: H304 |
| <1% | Amides, C8-C18 (even numbered), und C 18 unsatd, N,N-Bis(Hydroxyethyl) |
| | CAS 68155-07-7, EINECS/ ELINCS: 931-329-6, Reg. No 01-2119490100-53-XXXX<br>GHS/CLP: Skin Irrit. 2. H 315 - Eye- Dam. 1: H318-Aquatic Chronic 2: H 411 |
| <1 % | Ammonia solution |
| | CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX<br>GHS/CLP: Skin Corr. 1B:H314 - Aquastic acute 1:H400 - STOT SE 3: H 335, M = 1 |

Comment of composition parts: substances very high concern - SVHC: substances are not contained or are below 0,1%
For full text of H - statements: see SECTION 16

**4. FIRST AID MEASURES:**

**4.1 Description of first aid measures**

**General information**: Take off contaminated clothing and wash before reuse.

**Inhalation**: Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

**skin contact**: When in contact with the skin, clean with soap and water. Consult a doctor if irritation persists.

**eye contact**: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

**4.2 Most important symptons and effects, both acute and delayed**

irritant effect
headache
Vertigo
Drowsiness

**4.3 Indication of any immediate medial attention and special treatment needed**

threated sympromatically
if swallowed or in the event of vormitting, risk of product entering the lungs

**5. FIRE-FIGHTING MEASURES:**

**5.1 Extinguishing media:** Foam, carbon dioxide, water spray jet, corbon dioxide

**extinguishing media that must not used:** full water jet

**5.2 Special hazards arizing from the substance or mixture**

risk of formation of toxic pyrolysis products

**5.3 Advice for fire fighters**

use self- contained breathing apparatus
cool containers at risk with water spray jet
first residues and contamination fire fighthing water must be disposed of in accordance within the local regulations

## 6. ACCIDENTAL RELEASE MEASURES:

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

Ensure adequate exhaust ventilation.
Keep away from all sources of ignition
high risk of slipping due to leakage/ spillage of product.
user personal protecting clothing

**6.2 Environmental precautions:** Do not discharge into drains/ surface waters/ groundwater.

**6.3 Methodes for cleaning up/taking up:** Take up mechanically, send in suitable containers for recovery or disposal.
dispose of absorbed material in accordance within the regulations

**6.4 Reference to other sections** See Section 8+13

## 7. HANDLING AND STORAGE

**7.1 Precaution and safe handling**

Use only in well-ventilated areas.
Provide suitable vacuuming at the processing area.
Keep only in original container.
Keep away from all sources of ignition.
After worktime and before work breaks the affected skin areas must be thoroughly cleaned. Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.

**7.2 Condition for safe storage, including any incompabilities**

Provide solvent-resistant and impermeable floor.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Do not store together with food and animal food/diet
Protect from heal/overheating.
Keep container in a well-ventilated place.
Keep container tightly closed.

7.3 Specific end use(s) see product use. SECTION 1.2

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION:

**8.1 control parameters**

**ingredients with occupational exposure limits to be monitored (GB)**

| Substance |
|---|
| hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| EINECS/ELINCS: 920-107-4, Reg-No.: 01-2119453414-43-XXX |
| Long term exposure: 1200 mg/m³ |
| hydrocarbons, C13-C16, iso-alkans, cyclics, < 2 % Aromatics |
| CAS: 64742-47-8, EINECS/ELINCS: 918-973-3, Reg-No.: 01-2119458871-30 |
| Long term exposure: 1200 mg/m³ |
| hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| CAS: 64742-47-8, EINECS/ELINCS: 921-050-8 , Reg-No.: 01-2119485032-45-XXXX |
| Long term exposure: 1200 mg/m³ |
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| CAS: 64742-47-8, EINECS/ELINCS: 926-141-6, EU- INdex: 649-422-00-2, Reg. No 01-2119456620- , Reg-No.: 01- 2119456620-43-0000 |
| Long term exposure: 1200 mg/m³ |
| hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| EINECS/ELINCS: 917-488-4 Reg No.: 01-2119458943-27 |
| Long term exposure: 1200 mg/m³ |
| Ammonia solution |
| CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX |
| Long term exposure: 25 ppm, 18 mg/m³ |
| short term exposure (15- minutes) : 35 ppm, 25 mg/m³, 15 min |
| Aluminum oxide |
| CAS 1344-28-1, EINECS/ ELINCS: 215-691-6, Reg-N.: 01-2119529248-35-XXXX |
| Long term exposure: 10 mg/m³, inhalable dust (respirable dust: 4 mg/m³) |

**ingredients with occupational exposure limits to be monitored (EU)**

| Substance/ EC LIMIT VALUES |
|---|

| Ammonia solution |
|---|
| CAS 1336-21-6, EINECS/ ELINCS: 215-647-6, EU-Index: 007-001-01-2, Reg. No.: 01-21194888876-14-XXXX |
| Eight hours: 20 ppm, 14 mg/m³ |

**DNL**

| Substance |
|---|
| Amides, C8-18 (even numered) and C18 unsatd., N,N-bis(hydroxyethyl), CAS: 68155-07-7 |
| Industrial, dermal, long-term - local effects: 0,09 mg/cm² |
| Industrial, dermal, long-term - systemic effects: 4,16 mg/kg bw/day |
| Industrial, inhalative, Long-term- systemic effects: 73,4 mg/m³ |
| General population, oral, long-term - systemic effects: 6,25 mg/kg bw/day |
| General population, dermal, Long-term - local effects: 0,056mg/cm² |
| General population, dermal, Long-term - systemic effects: 2,5 mg/kg bw/day |
| General population, inhalation, long-term - systemic effects: 21,73 mg/m³ |
| Ammonia solution CAS: 1336-21-6 |
| Industrial, inhalative, Long-term- systemic effects: 14 mg/m³ (NH3) |
| Industrial, inhalative, acute - systemic effects: 38 mg/m³ (NH3) |
| Industrial, dermal, acute - systemic effects: 6,8 mg/m³ (NH3) |
| Industrial, oral, acute - systemic effects: 6,8 mg/kg, bw/d (NH3) |

**PNEC**

| Substance |
|---|
| Amides, C8-18 (even numered) and C18 unsatd., N,N-bis(hydroxyethyl), CAS: 68155-07-7 |
| Soil: 0,035 mg/kg |
| Sediment (seaater), 0,019 mg/kg |
| Sediment (freshwater), 0,195 mg/kg |
| Sewage treatments plants (STP), 0,83 g/l |
| Seawater, 0,7µg/l |
| Freshwater, 7µg/l |
| Ammonia solution CAS: 1336-21-6 |
| Seawater, 0,011mg/l |
| Freshwater, 0,0011mg/l |

**8.2 Exposure controls**

| | |
|---|---|
| **Additional advice on system design** | Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance of requirements of DIN EN 482. For examples, ecommendateions are given in IFA's list of hazardous substances |
| **Eye protection** | Safety glasses. (EN 166:2001) |
| **Hand protection** | 0,7mm Butyl rubber, >120 min (EN 374-1/-2/-3).<br>The details concerned are recommendations. Please contact the glove supplier for further information. |
| **Skin protection** | Protective clothing. |
| **other** | Do not inhale vapours.<br>Avoid contact with eyes and skin.<br>Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. |
| **espiratory protection** | Breathing apparatus in the event of high concentrations.<br>Short term: filter apparatus, combination filter A-P2. (DIN EN 14387) |
| **thermal hazards** | none |
| **Delimitation and monitoring the environmental exposition** | Protect the invironment by applying approciate control measures to prevent or limit emissions |

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

**9.1 Information on basic physical and chemical properties**

| | |
|---|---|
| Form: | pasty |
| Colour: | blue |
| Odour: | characteristic |
| odour treshhold: | not required |
| pH-value: | 9-10 |
| pH-value [1%] | not determined |
| Boiling Point: | not determined |
| Flash Point [°C] | > 61°C |
| Flammability (Solid, gas) [°C] | not applicable |
| lower exposure limit | not determined |
| upper exposure limit | not determined |
| oxidising properties: | no |
| Vapour Pressure/gas pressure[KPa] | not determined |
| Density [g/ml] | 1,17 (20°C, 68°F) |
| Bulk density [kg/m³] | not applicable |
| Solubility in water: | partially miscible |
| Partition coeffiecient [n-octanol/water] | not determined |
| viscosity | > 20,5 mm²/s (40°C) |
| relative vapour density determined in air | not determined |
| evaporation speed | not determined |
| Melting Point | not applicable |

| | |
|---|---|
| autoignition temperature [°C] | not self-igniting |
| decomposition temperature [°C] | not determined |
| other information | none |

**10. STABILITY AND REACTIVITY**

| | |
|---|---|
| **10.1 Reactivity** | no dangerous reactions known if used as directed |
| **10.2 Chemical stability** | The product is stable under standard conditions. |
| **10.3 Possibility of hazardous reactions** | Reactions with oxidizing agents.<br>Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. |
| **10.4 Conditions to avoid** | Heating |
| **10.5 Incompatible materials** | oxidizing agent |
| **10.6 Hazardous decomposition products** | No hazardous decomposition products known |

**11 TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity**

| |
|---|
| hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 64742-47-8 |
| LD50 dermal, rabbit: > 2000 mg/kg bw. |
| LD50 oral, Rat: > 5000 mg/kg bw. |
| hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 64742-47-8 |
| LD50 oral, Rat: 5000 mg/kg bw. |
| LD50 dermal, Rat: > 2000 mg/kg bw. |
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 64742-47-8 |
| LD50 dermal, Rat: > 5000 mg/kg (OECD 402) |
| LD50 oral, Rat: >5000 mg/kg (OECD 401) |
| LC50, inhalative, Rat: >5000 mg/m³ (8h) (OECD 403) |
| Amides, C8-C18 (even numbered), und C 18 unsatd, N,N-Bis(Hydroxyethyl) CAS 68155-07-7 |
| LD50 dermal, Rat: > 2000 mg/kg |
| LD50 oral, Rat: > 5000 mg/kg |
| hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| LD50 oral, Rat: >5000 mg/kg (OECD 401) |
| LD50 dermal, rabbit: > 5000 mg/kg (OECD 402) |
| LC50, inhalative, Rat: >4951 mg/m³ (4h) (OECD 403) |

| Ammonia solution CAS: 1336-21-6 |
|---|
| LC50, inhalative, mouse: 91 mg/kg (NH3) |
| LD50 oral, Rat: 350 mg/kg (NH3) |
| LC50, inhalative, Rat: 2000 mg/l (NH3) |
| LDLo, oral, Human: 43 mg/kg (NH3) |

| | |
|---|---|
| **Serious eye damage/irritation** | Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available. |
| **Skin corrosion/irritation** | Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available. |
| **Respiratory or skin sensitisation** | Does not contain a relevant substance that meets the classification criteria.<br>Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available |
| **Specific target organ toxicity — single exposure** | Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available. |
| **Specific target organ toxicity — repeated exposure** | Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available. |
| **Mutagenicity** | Calculation method<br>Does not contain a relevant substance that meets the classification criteria.<br>Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available. |
| **Reproduction toxicity** | Does not contain a relevant substance that meets the classification criteria.<br>Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available. |
| **Carcinogenty** | Does not contain a relevant substance that meets the classification criteria.<br>Based on the available information, the classification criteria are not fulfilled.<br>Toxicological data of complete product are not available. |
| **Aspiration hazards** | Based on the available information, the classification criteria are not fulfilled |
| **General remarks** | frequent persistent contact with skin can cause skin irritation |

## 12 ECOLOGICAL INFORMATION

### 12.1 Chronic toxicity

| Bestandteil |
|---|
| hydrocarbons, C13-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 64742-47-8 |
| NOEC, (96h), Fish: >100mg/l |
| LL50, (48),Daphnia magna: >100 mg/l |
| LL50, (96h), Fish: > 100 mg/l |
| hydrocarbons, C13-C16, iso-alkans, cyclics, < 2 % Aromatics CAS: 64742-47-8 |
| 50, (48h), Dahnia magna: >1000 mg/l (OECD 202) |

| |
|---|
| EL 50, (72h), Pseudokirchneriella subcapitata: > 1000 mg/l |
| LL50, (96h), Fish: > 87556 mg/l (OECD 203) |
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS: 64742-47-8 |
| EL0, (48h), Daphnia magna: 1000 mg/l |
| EL0, (72h), Pseudokirchneriella subcapitata: > 1000 mg/l |
| LL0, (96h), Oncorhynchus mykiss: 1000 mg/l |
| hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics CAS 68155-07-7 |
| LC50, Fisch: 2,4 mg/l |
| EC50, Daphnia magna, 3,2 mg/l |
| IC50 Algen: 3,9 mg/l |
| NOEC, (21d), Daphnia Magna: 0,07 mg/l OECD 211 |
| hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| EL0, (72h), Pseudokirchneriella subcapitata: > 1000 mg/l |
| EL0, (48h), Daphnia magna: 0,101 mg/l (Lit) |
| NOELR, (72h), Pseudokirchneriella subcapitata: > 1000 mg/l (Lit) |
| LL0, (96h), Oncorhynchus mykiss: 1000 mg/l (Lit) |
| Ammonia solution CAS 1336-21-6 |
| LC50, (48h) Daphnia magna, 25,4 mg/l |
| LC50, (96h) Daphnia magna, 0,101 mg/l (NH3) |
| LC50, (96h) Fish 0,89 mg/l (NH3) |
| LC50, (96h), Salmo gairdineri: 0,53 mg/l |
| LC50, (96h), Pimephales promelas: >0,7 mg/l |
| LC50, (96h), Lepomis macrochirus: > 0,2 mg/l |
| LC50, (96h), Cyprinus carpio: 1,1 mg/l |
| LC50, (96h), Salmo gairdineri: >0,1 mg/l |

**12.2 Persistence and degradability**

| | |
|---|---|
| **Behaviour in environment compartments** | not determined |
| **Behaviour in sewage plant** | not determined |
| **Biological degradability** | not determined |
| **12.3 Bioaccumulative potential** | accumulation in organism is not expected |
| **12.4 Mobility in soil** | Spillages may penetrate the soil causing ground water contamination |
| **12.5 Results of PBT and vPvB assessment** | Based on all available information not to be classified as PBT or vPvB respectively. |

**12.6 Other adverse effects** none known

## 13. Disposal consideration

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

| | |
|---|---|
| **Product** | Dispose of as hazardous waste. |
| | Disposal in an incineration plant in accordance with the regulations of the local authorities |
| **Waste no. (recommended)** | 070601* |
| **Contaminated packaging** | Packaging that cannot be cleaned should be disposed of as for product. Uncontaminated packaging may be taken for recycling |
| **Waste no. (recommended)** | 150110*<br>150102 |

## 14. TRANSPORT INFORMATION

### 14.1 UN Number

| | |
|---|---|
| **Transport by land according to ADR/RID** | not applicable |
| **Inland navigation ( ADN)** | not applicable |
| **Marine transport in accordance with IMDG** | not applicable |
| **Air transport in accordance with IATA** | not applicable |

### 14.2 UN proper shipping name

| | |
|---|---|
| **Transport by land according to ADR/RID** | NO DANGEROUS GOODS |
| **Inland navigation (ADN)** | NO DANGEROUS GOODS |
| **Marine transport in accordance with IMDG** | NOT CLASSIFIED AS " NO DANGEROUS GOODS" |
| **Air transport in accordance with IATA** | NOT CLASSIFIED AS " NO DANGEROUS GOODS" |

### 14.3 Transport hazard class (es)

| | |
|---|---|
| **Transport by land according to ADR/RID** | not applicable |
| **Inland navigation (ADN)** | not applicable |
| **Marine transport in accordance with IMDG** | not applicable |
| **Air transport in accordance with IATA** | not applicable |

### 14.4. Packaging group

| | |
|---|---|
| **Transport by land according to ADR/RID** | not applicable |
| **Inland navigation (ADN)** | not applicable |
| **Marine transport in accordance with IMDG** | not applicable |
| **Air transport in accordance with IATA** | not applicable |

### 14.5. Environmental hazards

| | |
|---|---|
| **Transport by land according to ADR/RID** | no |
| **Inland navigation (ADN)** | no |

**Marine transport in accordance with IMDG** no
**Air transport in accordance with IATA** no

**14.6 Special precaution for user**

relevant information under SECTION 6 to 8

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

not applicable

## 15. regulary information

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

| | |
|---|---|
| **EEC-REGULATIONS** | 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); (EU) 2015/830; (EU)2016/131; (EU) 517/2014 |
| **TRANSPORT-REGULATIONS** | DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2016). |
| **NATIONAL REGULATIONS (GB):** | EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4 |
| **- Observe employment restrictions for people** | no special measures necessary |
| **- VOC (2010/75/CE)** | ~25% |
| **15.2 chemical safety assessment** | not applicable |

## 16. OTHER INFORMATIONES:

**16.1 Hazard statements (section 03)**

H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H314 Causes severe skin burns and eye damage.
H411 Toxic to aquatic life with long lasting effects.
H 318 Cause serious eye damage
H 315 Cause skin irritation
H304 May be fatal if swallowed and enters airways

### 16.2 Abbreviations and acrynoms

ADR = Accord europeen relatif au transport international des marchandises Dangereuses par Route
RID = Réglement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord europeen relatif au transport international des marchandises dangereuses par voie de navigation interieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration ECB = European Chemicals Bureau
ECB= European Chemical Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA =International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical information data base
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL= lowest-observered-adverse-effect level
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No observed Adverse Effect level
NOEC = No observed Effect concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plan
TLV®/TWA = Threshold limit value- time-weighted average TLV®STEL = Threshold limit value- short-time exposure limit VOC = Volatile Organic Compounds
VOC = Volatile organic compound
vPvB = very Persistent and very Bioaccumulative

### 16.3 Other information

| | |
|---|---|
| Classification procedure | aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. () |
| modified position | Section 16 been added: General review |

This document complements the technical instructions on usage, but does not substitute them. The information contained herein is based , to our best knowledge, on the technical information available on the product up to date. Users are advised that there is an inherent risk associated to the use of the product for differente purposes to those for which it is intended. This document does not exempt, in any way, the user of the product from the duty of fully understanding and applying all regulatory requirements. It is the sole responsability of the receiver of this document to adopt the necessary precautionary measures necessary for the use made of the product. All the information contained herein is provided, exclusively, with the aim of aiding the receiver to comply with his regulatory obligations with regard to the use of dangerous substances. The present list of information must not be considered as exhaustive, not exempting the receiver from adopting other precautions, which may described in documents not mentioned herein, regarding the storage and use of the product, of which the receiver is solely responsible.