## SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING *

### 1.1. Product identifier

Product name : STAR BRITE CHROME & STAINLESS POLISH
Product code : 827XX

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

Application : SU21 Consumer product. PC35 Cleaning agent. Metal polish/tarnish remover.

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

Supplier : Star brite Nederland B.V.
Kryptonweg 7
NL-3812 RZ Amersfoort, The Netherlands
Telephone : +31(0)337853616
E-mail : info@starbrite.nl
Website : http://www.starbrite.nl

Manufacturer : Star Brite Europe, LLC.
4041 SW 47TH AVE
33314 Fort Lauderdale, FL
United States of America
Telephone : +1 954 587 6280
E-mail : europe@starbrite.com

### 1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:
NL - Telephone : +31(0)337853616 (During office hours only)

## SECTION 2 HAZARDS IDENTIFICATION *

### 2.1. Classification of the substance or mixture

CLP classification (1272/2008/EC) : Skin irritation, category 2. Specific target organ toxicity after single exposure, category 3. Specific target organ toxicity — repeated exposure, category 2. Hazardous to the aquatic environment — Chronic category 2.

Human health hazards : Causes skin irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Contains petroleum distillates, may be harmful when ingested.
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives. Combustible.
Environmental hazards : Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

Label elements ((EU) 1272/2008):
Hazard pictograms :



Signal word : Warning

H- and P-phrases : H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to lungs through prolonged or repeated exposure via inhalation.

| | |
|---|---|
| H411 | Toxic to aquatic life with long lasting effects. |
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P260 | Do not breathe vapours. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |
| P405 | Store locked up. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P273 | Avoid release to the environment. |
| P391 | Collect spillage. |
| P501 | Dispose of contents/container to an official chemical waste depot. |

Labelling of packagings where the contents do not exceed 125 ml and it is technically impossible to list all phrases:

Hazard pictograms :



Signal word : Warning

H- and P-phrases :

| | |
|---|---|
| H336 | May cause drowsiness or dizziness. |
| H373 | May cause damage to lungs through prolonged or repeated exposure via inhalation. |
| P101 | If medical advice is needed, have product container or label at hand. |
| P102 | Keep out of reach of children. |
| P260 | Do not breathe vapours. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P312 | Call a POISON CENTER/doctor if you feel unwell. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to an official chemical waste depot. |

Additional labelling (for all packaging sizes)

: Contains: Kerosine (petroleum) ; Distillates (petroleum), hydro- treated light ; Cristobalite .

Ingredient declaration according to Regulation EC 648/2004:

| Contains: | Concentration (%) |
|---|---|
| Aliphatic hydrocarbons | 15 - 30 |
| Non-ionic surfactants , Aromatic hydrocarbons | < 5 |

Other information : According to Regulation (EC) No 1272/2008, the packaging of this product shall carry a tactile warning of danger.

### 2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS *

### 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

| Substance name | Concentration (w/w) (%) | CAS nr. | EC number | Remark | REACH nr. |
|---|---|---|---|---|---|
| Kerosine (petroleum)<br>Distillates (petroleum), hydro- treated light | 10 - < 20<br>5 - < 10 | 8008-20-6<br>64742-47-8 | 232-366-4<br>265-149-8 | | |

| | | | | | |
|---|---|---|---|---|---|
| Diatomaceous earth | 5 - < 10 | 61790-53-2 | 612-383-7 | MAC | |
| Cristobalite | 1 - < 5 | 14464-46-1 | 238-455-4 | | |
| Dimethyl siloxane, HO-term Rxn methyltrimethoxysilane & aminoethy-laminopropyltrimethoxysilane | 0,25 - < 1 | 69430-37-1 | 628-867-6 | | |
| Naphthalene | < 0,25 | 91-20-3 | 202-049-5 | | |

| Substance name | Hazard Class | H-phrases | Pictograms | |
|---|---|---|---|---|
| Kerosine (petroleum) | Flam. Liq. 3; Asp. Tox. 1; Skin Irrit. 2; STOT SE 3; Aquatic Chronic 2 | H226; H304; H315; H336; H411 | GHS02; GHS07; GHS08; GHS09 | |
| Distillates (petroleum), hydro- treated light | Asp. Tox. 1; Skin Irrit. 2; STOT SE 3; Aquatic Chronic 2 | H304; H315; H336; H411 | GHS07; GHS08; GHS09 | |
| Diatomaceous earth | ----- | ----- | ----- | |
| Cristobalite | STOT RE 1 | H372 | GHS08 | |
| Dimethyl siloxane, HO-term Rxn methyltrimethoxysilane & aminoethy-laminopropyltrimethoxysilane | Flam. Liq. 2; Skin Irrit. 2; Eye Irrit. 2; Aquatic Acute 1; Aquatic Chronic 1 | H225; H315; H319; H400; H410 | GHS02; GHS07; GHS09 | M (acute) = 1<br>M (chronic) = 1 |
| Naphthalene | Flam. Sol. 2; Acute Tox. 4; Carc. 2; Aquatic Acute 1; Aquatic Chronic 1 | H228; H302; H351; H400; H410 | GHS02; GHS07; GHS08; GHS09 | M (acute) = 1 |

Occupational exposure limit(s), if relevant, are listed in section 8.

Reference is made to chapter 16 for full text of each relevant H phrase.

## SECTION 4 FIRST-AID MEASURES

### 4.1. Description of first aid measures

First aid measures

Inhalation : Move victim into fresh air. Consult a doctor.

Skin contact : Take off contaminated clothing. Wash off skin with plenty of water before product dries up. Consult a doctor if irritation persists.

Eye contact : Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.

Ingestion : Do not induce vomiting. Give nothing to drink. Do rinse the mouth. Give condensed milk or a knob of butter. Never give anything by mouth to an unconscious person. Consult a doctor.

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

Effects and symptoms

Inhalation : May cause headache, drowsiness, dizziness and a feeling of sickness.

Skin contact : Irritant. May cause dry skin and redness.

Eye contact : May cause stinging of eyes and redness.

Ingestion : May cause a feeling of sickness, vomiting and diarrhoea. May cause lung damage, sore throat and lack of breath.

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

Note to physicians : None known.

## SECTION 5 FIRE-FIGHTING MEASURES *

### 5.1. Extinguishing media

Extinguishing media

| | | |
|---|---|---|
| Suitable | : | Carbondioxide ($CO_2$). Foam. Dry chemical. Water fog. |
| Not suitable | : | Water jet. Use of heavy stream of water may spread fire. |

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

| | | |
|---|---|---|
| Special exposure hazards | : | None known. |
| Hazardous thermal decomposition and combustion products | : | Carbon monoxide may be evolved if incomplete combustion occurs. |

### 5.3. Advice for firefighters

| | | |
|---|---|---|
| Special protective equipment for fire-fighters | : | Use adequate respiratory equipment in case of insufficient ventilation. |

## SECTION 6 ACCIDENTAL RELEASE MEASURES *

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

| | | |
|---|---|---|
| Personal precautions | : | Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. Keep away from sources of ignition — No smoking. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation. |

### 6.2. Environmental precautions

| | | |
|---|---|---|
| Environmental precautions | : | Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike. Waste product should not be allowed to contaminate soil or water. |
| Other information | : | Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. |

### 6.3. Methods and material for containment and cleaning up

| | | |
|---|---|---|
| Methods for cleaning up | : | Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water. |

### 6.4. Reference to other sections

| | | |
|---|---|---|
| Reference to other sections | : | See also section 8. |

## SECTION 7 HANDLING AND STORAGE *

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Handling | : | Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Do not breathe vapour. Avoid contact with skin and eyes. Avoid splashing. Wear protective clothing. |

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

| | | |
|---|---|---|
| Storage | : | Keep frost-free, in a cool, dry and well-ventilated place. Protect from sunlight. Keep away from oxidizing agents. Keep away from food, drink and animal feedingstuffs. |
| Recommended packaging | : | Keep only in the original container. |
| Non recommended packaging | : | Steel (except stainless steel). PE and PP. |

### 7.3. Specific end use(s)

| | | |
|---|---|---|
| Use | : | Use only as directed. Do not mix with other products. |

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION *

### 8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m³):

| Chemical name | Country | TWA 8 hour (mg/m3) | STEL 15 min (mg/m3) | Comments | Source |
|---|---|---|---|---|---|
| Kerosine (petroleum) | | 575 | - | - | CEFIC-HSPA |
| Distillates (petroleum), hydro- treated light | | 1200 | - | | CEFIC-HSPA |
| Diatomaceous earth | GB | 1,2 | - | Respirable dust | |
| Naphthalene | EC | 50 | - | - | |

Biological limit values (BMGV):

| Substance | Country | Determinant | BMG-value | Specimen/Sampling Time/Remarks |
|---|---|---|---|---|
| Naphthalene | GB | 1-Hydroxypyrene | 4 µmol/mol | U / b / |

Abbreviations BMG-list : B = Blood. U = Urine. b = At the end of the period of exposure. d = pre-shift.
Source : EH40/2005 (Fourth edition, 2020).

Derived no-effect level (DNEL) for workers:

| Chemical name | Route of exposure | DNEL, short-term | | DNEL, long-term | |
|---|---|---|---|---|---|
| | | Local effect | Systemic effect | Local effect | Systemic effect |
| Naphthalene | Dermal | | | | 3,57 mg/kg bw/day |
| | Inhalation | | | 25 mg/m3 | 25 mg/m3 |

Predicted no-effect concentration (PNEC):

| Chemical name | Route of exposure | Fresh water | Marine water | |
|---|---|---|---|---|
| Naphthalene | Water | 0,0024 mg/l | 0,0024 mg/l | |
| | Sediment | 0,0672 mg/kg | 0,0672 mg/kg | |
| | Intermittent water | | | 0,02 mg/l |
| | STP | | | 2,9 mg/l |
| | Soil | | | 0,0533 mg/kg |

### 8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.
Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:
The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

:



Body protection : Use of specific protective industrial clothing is not required for momentary use. Wear suitable protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345 in case of frequent or prolonged use and in case of large scale exposure. Suitable material: nitril. Indication of permeation breakthrough time: 6 hours.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.

| | | |
|---|---|---|
| Hand protection | : | Wear appropriate safety gloves in accordance with EN 374. Suitable material: nitril. ± 0,5 mm. Indication of permeation breakthrough time: 6 hours. |
| Eye protection | : | Wear appropriate safety glasses when there is danger of possible eye contact. |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES *

### 9.1. Information on basic physical and chemical properties

| | | | |
|---|---|---|---|
| Physical state | : | Liquid. | |
| Colour | : | Cream. | |
| Odour | : | Characteristic. | |
| Odour threshold | : | Not known. | |
| pH | : | 8,04 | |
| Solubility in water | : | Soluble. | |
| Partition coefficient (n-octanol/water) | : | Not applicable. | Contains surfactants. The O/W system emulsifies. Not measured. Not relevant for mixtures. |
| Flash point | : | 57,8 °C | Closed cup. Does not support combustion. |
| Flammability (solid, gas) | : | Not applicable. | Liquid. See flashpoint. |
| Auto ignition temperature | : | > 250 °C | |
| Boiling point/boiling range | : | > 100 °C | |
| Melting point/melting range | : | < 0 °C | |
| Explosive properties | : | Not explosive. | |
| Explosion limits (% in air) | : | Not known. | Lower explosion limit in air (%): 0,6 ( Distillates (petroleum), hydro- treated light ) |
| | : | | Upper explosion limit in air (%): 7 ( Distillates (petroleum), hydro- treated light ) |
| Oxidising properties | : | Not applicable. | Does not contain oxidizing substances. |
| Decomposition temperature | : | Not applicable. | |
| Viscosity (20°C) | : | 4160 mm2/sec | (1 mm2/sec = 1cSt) |
| Viscosity (40°C) | : | > 20,5 mm2/sec | |
| Vapour pressure (20°C) | : | Not known. | |
| Relative vapour density | : | > 1 | (air = 1) |
| Relative density (20°C) | : | 1,005 g/ml | |
| Particle characteristics | : | Not applicable. | Liquid. |

### 9.2. Other information

| | | |
|---|---|---|
| Other information | : | Not relevant. |

## SECTION 10 STABILITY AND REACTIVITY

### 10.1. Reactivity

| | | |
|---|---|---|
| Reactivity | : | See sub-sections below. |

### 10.2. Chemical stability

| | | |
|---|---|---|
| Stability | : | Stable under normal conditions. |

### 10.3. Possibility of hazardous reactions

| | | |
|---|---|---|
| Reactivity | : | No other hazardous reactions known. |

### 10.4. Conditions to avoid

| | | |
|---|---|---|
| Conditions to avoid | : | See section 7. |

### 10.5. Incompatible materials

| | | |
|---|---|---|
| Materials to avoid | : | Keep away from oxidizing agents. |

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

## SECTION 11 TOXICOLOGICAL INFORMATION *

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

No toxicological research has been carried out on this product.

Inhalation

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: 6 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause damage to organs. Target organ(s): Central nervous system. Effect(s): Breathing of high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, lightheadedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.
- Chronic toxicity : Possibility of organ or organ system damage due to prolonged exposure. Target organ(s): Lungs. Effect: Silicosis.
- Corrosion/irritation : Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Irritant. May cause redness. Prolonged contact may dry out and defat the skin.
- Sensitisation : Does not contain skin sensitisers. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Does not contain mutagenic substances. Not classified - based on available data, the classification criteria are not met.

Eye contact

- Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

Ingestion

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Aspiration : Viscous emulsion. Contains a substance/substances with an aspiration hazard. Emulsion may break after ingestion. If swallowed, if any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 38.3° C, shortness of breath, chest congestion or continued coughing or wheezing. Highly viscous liquid. Not classified - based on available data, the classification criteria are not met. Contains a substance/ substances with an aspiration hazard. After ingestion, at vomiting, risk of aspiration in the lungs.
- Chronic toxicity : Possibility of organ or organ system damage due to prolonged exposure.
- Corrosion/irritation : May cause a feeling of sickness, stomachache, vomiting and diarrhoea.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.
- Reprotoxicity : Development: Not expected to be reprotoxic. Development: Not classified - Based on available data, the classification criteria are not met. Fertility: not expected to be reprotoxic. Fertility: Not classified - based on available data, the classification criteria are not met.

Toxicological information:

| Chemical name | Property | | Method | Test animal |
|---|---|---|---|---|
| Kerosine (petroleum) | LD50 (oral) | > 5000 mg/kg bw | ----- | Rat |
| | Skin sensitisation | Not sensitizing | OECD 406 | Guinea pig |
| | Genotoxicity - in vitro | Not genotoxic | OECD 476 | |
| | Mutagenicity | Negative | OECD 471 | Salmonella typhimurium |
| | Skin irritation | Irritant | OECD 404 | Rabbit |
| | LD50 (dermal) | > 2000 mg/kg bw | OECD 402 | Rat |
| | LC50 (inhalation) | > 5280 mg/m3 | OECD 403 | Rat |
| | Eye irritation | Non-irritant | | Rabbit |
| | NOAEL (oral) | 750 mg/kg bw/d | ----- | Rat |
| | NOAEL (inhalation) | > 1000 mg/m3 | OECD 413 | Rat |
| | NOAEL (dermal) | > 0,5 mg/kg bw/d | OECD 410 | Rat |
| | Genotoxicity - in vivo | Not genotoxic | OECD 475 | Rat |
| | NOAEL (fertility, oral) | > 494 mg/kg bw/d | OECD 421 | Rat |
| | NOAEL (development, oral) | 1000 mg/kg bw/d | OECD 414 | Rat |
| Distillates (petroleum), hydro- treated light | Skin sensitisation - estimate | Not sensitizing | Read across | Guinea pig |
| | NOAEL (oral) - estimate | 750 mg/kg bw/d | Read across | Rat |
| | Eye irritation - estimate | Non-irritant | Read across | Rabbit |
| | Skin irritation - estimate | Irritant | Read across | Rabbit |
| | Mutagenicity - estimate | Negative | Read across | Salmonella typhimurium |
| | LD50 (oral) - estimate | > 5000 mg/kg bw | Read across | Rat |
| | LD50 (dermal) - estimate | > 2000 mg/kg bw | Read across | Rabbit |
| | LC50 (inhalation) - estimate | > 5000 mg/m3 | Read across | Rat |
| | NOAEL (fertility) - estimate | 1500 mg/kg.d | Read across | Rat |
| | NOAEL (development) - estimate | 1000 mg/kg.d | Read across | Rat |
| | NOEL (carcinogenicity) - estimate | Not carcinogenic | Read across | ----- |
| | NOAEL (inhalation) - estimate | > 1000 mg/m3 | Read across | Mouse |
| Cristobalite | Skin irritation | Non-irritant | | |
| | Skin sensitisation | Not sensitizing | ----- | ----- |
| | LD50 (dermal) | > 2000 mg/kg bw | | |
| | LD50 (oral) | > 2000 mg/kg bw | | |
| | LC50 (inhalation) | > 5000 mg/m3 | | |
| | Eye irritation | Non-irritant | | |
| | Genotoxicity - in vitro | Not genotoxic | | |
| | NOEL (carcinogenicity, dermal) | Not carcinogenic | | |
| | NOEL (carcinogenicity, inh.) | Not carcinogenic | | |
| | NOEL (carcinogenicity, oral) | Not carcinogenic | | |
| | NOAEL (developmental toxicity, dermal) | Not teratogenic | | |
| | NOAEL (development, oral) | Not teratogenic | | |
| | NOAEL (fertility, oral) | Not reprotoxic | | |
| | Inhalation sensitisation | Not sensitizing | | |

**11.2. Information on other hazards**

Endocrine disrupting properties : Not applicable.
Other information : Not applicable.

## SECTION 12 ECOLOGICAL INFORMATION *

### 12.1. Toxicity

No ecotoxicological research has been carried out on this product.
Ecotoxicity : Toxic to aquatic organisms. Calculated LC50 (fish): 5 mg/l. Calculated EC50 (waterflea): 3 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.

### 12.2. Persistence and degradability

Persistence – degradability : May cause long-term adverse effects in the aquatic environment. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.

### 12.3. Bioaccumulative potential

Bioaccumulative potential : Contains bioaccumulating substances.

### 12.4. Mobility in soil

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

### 12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

### 12.6. Endocrine disrupting properties

Endocrine disrupting properties : Not applicable.

### 12.7. Other adverse effects

Other adverse effects : Not applicable.

Ecological information:

| Chemical name | Property | | Method | Test animal |
|---|---|---|---|---|
| Kerosine (petroleum) | LC50 (fish) | > 1 mg/l | | ----- |
| | IC50 (algea) | > 1 mg/l | | ----- |
| | EC50 (waterflea) | 1,4 mg/l | OECD 202 | ----- |
| | NOEC (waterflea) - acute | 0,3 mg/l | OECD 202 | Daphnia magna |
| | NOEC (waterflea) - chronic | 0,48 mg/l.d | OECD 211 | Daphnia magna |
| Distillates (petroleum), hydro- treated light | Ultimate aerobic biodegradation (%) | 58,6 % | Read across | |
| | NOEC (waterflea) - chronic | 0,48 mg/l.d | OECD 211 | Daphnia magna |
| | LC50 (fish) - estimate | > 2 mg/l | OECD 203 | Oncorhynchus mykiss |
| | EC50 (waterflea) - estimate | 1,4 mg/l | OECD 202 | Daphnia magna |
| | NOEC (waterflea) - acute | 0,3 mg/l | OECD 202 | Daphnia magna |
| | IC50 (algea) - estimate | > 1 mg/l | OECD 201 | Pseudokirchnerella subcapitata |
| | NOEC (fish) - estimate | 0,098 mg/l.d | | Oncorhynchus kisutch |

| | | | | |
|---|---|---|---|---|
| | NOEC (fish) | 2 mg/l | OECD 203 | Oncorhynchus mykiss |
| | Log P(ow) | > 6 | | |
| | BCF | 537 | | |
| Dimethyl siloxane, HO-term Rxn methyltrimethoxysilane & aminoethylaminopropyltrimethoxysilane | EC50 (waterflea) - estimate | > 0,1 mg/l | Read across | ----- |
| Naphthalene | EC50 (waterflea) | 2,16 mg/l | | Daphnia magna |
| | LC50 (fish) | 0,51 mg/l | | |
| | NOEC (fish) | 0,12 mg/l.d | | |
| | Ultimate aerobic biodegradation (%) | 0 % | OECD 302 C | |
| | Log P(ow) | 3,4000 | | |
| | BCF | 427 | | |

## SECTION 13 DISPOSAL CONSIDERATIONS *

### 13.1. Waste treatment methods

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.

Additional warning : Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.

Waste water discharge : Do not dispose of into the environment, drains, sewers or water courses.

European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

## SECTION 14 TRANSPORT INFORMATION *

### 14.1. UN number or ID number

UN nr. : UN 3082

### 14.2. UN proper shipping name

Transport name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( Kerosine (petroleum) ; Distillates (petroleum), hydro- treated light )

Transport name (IMDG, IATA) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ( Kerosine (petroleum) ; Distillates (petroleum), hydro- treated light )

### 14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : 9

Classification code : M6

Packaging group : III

Danger label : 9 + the “environmentally hazardous substance” mark.

Tunnel restriction code : (–)

:






Other information : Not intended for carriage by tank-vessels on inland waterways. This product is not regulated as a dangerous good when transported in sizes of <= 5 L or <= 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 (Special provisions 375).

IMDG (sea)
- Class : 9
- Packaging group : III
- EmS (fire / spill) : F - A / S - F
- Marine pollutant : Yes
- Other information : This product is not regulated as a dangerous good when transported in sizes of <= 5 L or <= 5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 (IMDG code 37-14, 2.10.2.7).

IATA (air)
- Class : 9
- ERG code : 9L

### 14.6. Special precautions for user

Other information : Country specific variations may apply. It is possible that a "Limited Quantity" exemption applies to the transport of this product.

### 14.7. Maritime transport in bulk according to IMO instruments

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

## SECTION 15 REGULATORY INFORMATION *

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

Community regulations : Regulation (EU) No 2020/878 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations. Regulation (EC) No 648/2004 (detergents). Directive 2008/98/EC (waste).

: This product is exempted from classification as "May be fatal if swallowed and enters airways" on basis of section 3.10.3.3.1.1. of Annex I of Regulation (EC) No 1272/2008.

### 15.2. Chemical safety assessment

Chemical safety assessment : Not applicable.

## SECTION 16 OTHER INFORMATION *

### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EU) No 2020/878 dated 18 June 2020 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

List of abbreviations and acronyms that could be used (but not necessarily are used) in this safety data sheet:
- ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE : Acute Toxicity Estimate
- CLP : Classification, Labeling & Packaging
- CMR : Carcinogenic, Mutagenic or toxic for Reproduction
- EEC : European Economic Community
- GHS : Globally Harmonized System of Classification and Labelling of Chemicals

| | | |
|---|---|---|
| IATA | : | International Air Transport Association |
| IBC code | : | The IMO International Code for construction and equipment of ships carrying dangerous chemicals in bulk. |
| IMDG | : | International Maritime Dangerous Goods Code |
| LD50/LC50 | : | Lethal Dose/Concentration for 50% of a population |
| MAC | : | Maximum Allowable Concentration |
| MARPOL | : | International Convention for the Prevention of Pollution From Ships |
| NO(A)EL | : | No Observed (Adverse) Effect Level |
| OECD | : | Organisation for Economic Co-operation and Development |
| PBT | : | Persistent, Bioaccumulative and Toxic |
| PC | : | Chemical product category |
| PT | : | Product type |
| REACH | : | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | : | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| STP | : | Sewage Treatment Plant |
| SU | : | Sector of Use |
| TWA/STEL | : | Time-Weighted Average/Short Term Exposure Limit |
| UN | : | United Nations |
| UFI | : | Unique formula identifier |
| VOC | : | Volatile Organic Compounds |
| vPvB | : | Very Persistent and Very Bioaccumulative |

Key data used to compile the Safety Data Sheet are from, but not limited to, one or more sources of information e.g. toxicological data from material suppliers, CONCAWE, IFRA, CESIO, Regulation EG 1272/2008, etc.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008:

| | | |
|---|---|---|
| Skin Irrit. 2 | : | Calculation method. |
| STOT SE 3 | : | Calculation method. |
| STOT RE 2 | : | Calculation method. |
| Aquatic Chronic 2 | : | Calculation method. |

Full text of hazard classes mentioned in section 3:

| | | |
|---|---|---|
| Flam. Liq. 2 | : | Flammable liquid, category 2. |
| Flam. Liq. 3 | : | Flammable liquid, category 3. |
| Flam. Sol. 1 | : | Flammable solid, category 1. |
| Acute Tox. 4 | : | Acute toxicity, category 4. |
| Skin Irrit. 2 | : | Skin irritation, category 2. |
| Eye Irrit. 2 | : | Eye irritation, category 2. |
| Carc. 2 | : | Carcinogen, category 2. |
| STOT SE 3 | : | Specific target organ toxicity after single exposure, category 3. |
| STOT RE 1 | : | Specific target organ toxicity — repeated exposure, category 1. |
| Asp. Tox. 1 | : | Aspiration hazard, category 1. |
| Aquatic Chronic 1 | : | Hazardous to the aquatic environment — Chronic category 1. |
| Aquatic Chronic 2 | : | Hazardous to the aquatic environment — Chronic category 2. |
| Aquatic Acute 1 | : | Hazardous to the aquatic environment — Acute category 1. |

Full text of H-phrases mentioned in section 3:

| | |
|---|---|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H228 | Flammable solid. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H351 | Suspected of causing cancer. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |

Advice on any training appropriate for workers: none.

Number format : "," used as decimal separator.

End of safety data sheet.