

MATERIAL SAFETY DATA SHEET

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

1.1 Product identifiers

Product Name: METHANOL Index -No: 603-001-00-X

CAS-No: 67-56-1 EC-No: 200-659-6

EU REACH- Reg No: 01-2119433307-44-XXXX

Brand: Solmedia Ltd

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

Use of the Substance/Mixture: See table in front of appendix for a complete overview of

identified uses

Uses advised against: At this moment we have not identified any uses advised against

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Solmedia Ltd.

- Address of Supplier: Unit 2, Vernon Drive

Battlefield Enterprise Park

Shrewsbury SY1 3TF UK

- Telephone: 0844 80 80 900

- Email: <u>labsupplies@solmedialtd.com</u>

1.4 Emergency telephone number

Emergency Phone # +44 (0)844 80 80 900

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

| Hazard Class | Hazard Category | Hazard Statements |
|-----------------------------|-----------------|----------------------|
| Flammable liquids | Category 2 | H225 |
| Acute toxicity (Inhalation) | Category 3 | H331 |
| Acute toxicity (Dermal) | Category 3 | H331 |
| Acute toxicity (Oral) | Category 3 | H301 |

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| Specific target organ toxicity - single exposure | Category 1 | H370 |
|--|------------|------|

For the full text of the H-Statements mentioned in this Section, see Section 16

Most important adverse effects:

Human Health: See section 11 for toxicological information

Physical and chemical hazards: See section 9/10 for physicochemical information.

Potential environmental effects: See section 12 for environmental information

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard statements: H225: Highly flammable liquid and vapour.

H301+H311+H331: Toxic if swallowed, in contact with skin or if

inhaled.

H370: Causes damage to organs (Eyes, Central nervous system).

Signal words: Danger

Hazard pictograms:



Precautionary statements:

Prevention P210: Keep away from heat, hot surfaces, sparks, open flames and

other ignition sources. No smoking.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye

protection/face protection

Response P301+310: IF SWALLOWED: Immediately call a POISON

CENTER/doctor.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep

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comfortable for breathing.

Storage P403+233+235: Store in a well-ventilated place. Keep container

tightly closed. Keep cool.

Hazardous components which must be listed on the label: Methanol

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2.3 Other hazards

For Results of PBT and vPvB assessment see section 12.5.

SECTION 3: Composition/information on ingredients

3.1 Substances

Hazardous ingredients Classification according to Regulation (EC) No. 1272/2008 [CLP]

| | | | Classifi | cation |
|----------------------|----------------------|------------|--------------------|-------------|
| | | | (Regulation (EC) N | o 1272/2008 |
| | | | [CLP] | |
| Hazardous Components | | Amount [%] | Hazard class/ | Hazard |
| | | | Hazard category | Statements |
| Name: | Methanol | ~99% | FLAM. LIQ. CAT. | H225 |
| CAS NO. | 67-56-1 | | 2; AUTE OX. | H331 |
| EC-NO. | 200-659-6 | | CAT. 3; STOT SE | H311 |
| EU REACH | 01-211943307-44-XXXX | | CAT.1. | H301 |
| NO. | | | | H370 |

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice: First aider needs to protect themselves! Remove from exposure, lie

down. Take off all contaminated clothing immediately. Symptoms of poisoning may not appear for several hours. Keep under medical

supervision for at least 48 hours.

Skin contact: Wash off immediately with soap and plenty of water. Obtain

medical attention.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for

at least 10 minutes. Consult an eye specialist immediately. Go to an

ophthalmic hospital if possible

Ingestion: Rinse mouth with water. Never give anything by mouth to an

unconscious person. Keep patient warm and at rest. If a person vomits when lying on his back, place him in the recovery position.

Call a physician immediately

Inhalation: Remove to fresh air. If breathing is irregular or stopped, administer

artificial respiration. Oxygen, if needed. No artificial respiration,

mouth-to-mouth or mouth to nose. Use suitable instruments/apparatus. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: See Section 11 for more detailed information on health effects and

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symptoms.

Effects: Risk of blindness! See Section 11 for more detailed information on

health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or

carbon dioxide

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: Highly flammable, The vapour may be invisible, heavier

than air and spread along ground. Vapours may form explosive mixtures with air. Flash back possible over considerable distance.

Hazardous combustion products: Carbon oxides

5.3 Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained

breathing apparatus. Wear appropriate body protection (full

protective suit).

Further advice: Cool closed containers exposed to fire with water spray. Heating

will cause a pressure rise - with risk of bursting. Collect

contaminated fire extinguishing water separately. This must not be

discharged into drains. Fire residues and contaminated fire

extinguishing water must be disposed of in accordance with local

regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Keep people away from and

upwind of spill/leak. Provide adequate ventilation. Keep away from heat and sources of ignition. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. In case of inadequate ventilation

wear respiratory protection.

6.2 Environmental precautions

Environmental precautions:

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities. If material reaches soil inform authorities responsible for such cases.

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6.3 Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up:

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on personal protective equipment.

See Section 13 for waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Keep container tightly closed. Provide sufficient air exchange

and/or exhaust in work rooms. Use personal protective equipment. Avoid contact with the skin and the eyes. Do not breathe vapours or spray mist. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Use respirator with appropriate filter if vapours or aerosol are released. Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Hygiene measures:

Keep away from food, drink and animal feeding stuffs. Smoking eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Store in a place accessible by authorized persons only. Keep in an area equipped with solvent resistant flooring. Suitable materials for containers: Stainless steel; Mild steel; Unsuitable materials for containers: Lead; Aluminium; Zinc;

polystyrene

Advice on protection against fire and explosion: Combustible liquid. Keep away from sources of ignition - No smoking. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Take measures to prevent the build-up of electrostatic charge. Use only in an area containing explosion proof equipment.

Further information on storage conditions: Keep tightly closed in a dry and cool place. Keep in a well-ventilated place.

Advice on common storage: Keep away from food, drink and animal feeding stuffs. Do not store together with oxidizing and self-igniting products.

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7.3 Specific end use(s)

Specific use(s) Identified use: See table in front of appendix for a complete

overview of identified uses.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Component Methanol CAS-No 67-56-1

Derived No Effect Level (DNEL) Derived Minimal Effect Level (DMEL)

DNEL Workers, Acute - systemic effects, Skin contact : 40 mg/kg bw/day
 DNEL Workers, Acute - systemic effects, Inhalation : 260 mg/m3
 DNEL Workers, Acute - local effects, Inhalation : 260 mg/m3

DNEL Workers, Long-term - systemic effects, Skin contact : 40 mg/kg bw/day

DNEL Workers, Long-term - systemic effects, Inhalation : 260 mg/m3
 DNEL Workers, Long-term - local effects, Inhalation : 260 mg/m3
 DNEL Consumers, Acute - systemic effects, Skin contact : 8 mg/kg bw/day

DNEL Consumers, Acute - systemic effects, Inhalation : 50 mg/m3
 DNEL Consumers, Acute - systemic effects, Ingestion : 8 mg/kg bw/day
 DNEL Consumers, Long-term - local effects, Inhalation : 50 mg/m3

DNEL Consumers, Long-term - systemic effects, Ingestion: 8 mg/kg bw/day DNEL Consumers, Long-term - systemic effects, Inhalation: 50 mg/m3

DNEL Consumers, Long-term - systemic effects, Skin contact : 8 mg/kg bw/day

DNEL Consumers, Acute - local effects, Inhalation : 50 mg/m3

Predicted No Effect Concentration (PNEC)

Fresh water : 154 mg/l Marine water : 15.4 mg/l

Sediment : 570.4 mg/kg dry weight (d.w.)

Soil : 23.5 mg/kg wwt

Sewage treatment plant (STP) : 100 mg/l
Intermittent releases : 1540 mg/l

Other Occupational Exposure Limit Values

UK. EH40 Workplace Exposure Limits (WELs), Time Weighted Average (TWA): 200 ppm, 266 mg/m3

UK. EH40 Workplace Exposure Limits (WELs), Skin designation: Can be absorbed through the skin.

UK. EH40 Workplace Exposure Limits (WELs), Short Term Exposure Limit (STEL): 250 ppm, 333 mg/m3

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EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC 2009/161/EU, 2017/164/EU, Time Weighted Average (TWA): 200 ppm, 260 mg/m3 Indicative

ELV (IE), Time Weighted Average (TWA): 200 ppm, 260 mg/m3 Indicative OELV

ELV (IE), Skin designation: Can be absorbed through the skin

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

Personal protective equipment

Wear suitable protective clothing. When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn. For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Advice

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique

(Without touching glove's outer surface) to avoid skin contact with this product. Dispose of

Contaminated gloves after use in accordance with applicable laws and good laboratory practices.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.

Material: Nitrile
Break through time <1hr
Material: butyl-rubber
Break through time: >= 8 h
Glove thickness: 0.5 mm
Material: fluorocarbon rubber
Break through time: >= 4 h
Glove thickness: 0.4 mm
Material: polychloroprene
Break through time: >= 1 h
Glove thickness: 0.5 mm



Body Protection

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection required if workplace exposure limits cannot be controlled/if ventilation or exhaust is not adequate. For nuisance exposures use type OV/AG (US) or type ABEK

(EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

Respiratory protection complying with EN 141. Recommended Filter type:AX In case of intensive or longer exposure use self-contained breathing apparatus.

Eye protection:



Goggles recommended during refilling: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

Additional Information

Wash hands before breaks and after work. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

Control of environmental exposure

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities. If material reaches soil inform authorities responsible for such cases.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: liquid
Colour: colourless
Odour: alcohol-like
Odour Threshold: Not applicable
pH: Not applicable

Melting point/range: -97.8 °C **Boiling point/boiling range:** 64.7 °C

Flash point: 9.7 °C (Method: closed cup)

Evaporation rate: no data available Flammability (solid, gas): Not applicable Upper explosion limit: 38.5 %(V) (50 °C)

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Lower explosion limit: 4.4 %(V)

Vapour pressure: 169.27 hPa (25 °C)
Relative vapour density: 1.1 (Air = 1.0)
Density: 0.79 g/cm3 (20 °C)
Water solubility: completely miscible

Solubility/qualitative: miscible with most organic solvents **Partition coefficient: n-octanol/water:** log Kow -0.77

Auto-ignition temperature: 455 °C

Thermal decomposition: no data available

Viscosity, dynamic: 0.544 - 0.59 mPa.s (25 °C)

Explosivity: Product is not explosive. Formation of explosive air/vapour mixtures

is possible.

Oxidizing properties: not oxidising

9.2 Other safety information

Molecular weight: 32.04 g/mol

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Keep away from strong oxidizing agents and strong reducing agents.

10.6 Hazardous decomposition products

Formaldehyde, Carbon monoxide, Gives off hydrogen by reaction

with metals

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Component Methanol CAS-No 67-56-1

| Acute toxicity Oral | Toxic if swallowed | |
|---------------------|--------------------|--|
|---------------------|--------------------|--|



| | Inhalation | Toxic if inhaled |
|---------------|------------|--|
| | Dermal | Toxic in contact with skin |
| Irritation | Skin | No skin irritation (Rabbit) (BASF – Test) |
| | Eyes | No eye irritation (Rabbit) (OECD - Guideline 405) |
| Sensitisation | | not sensitizing (Maximisation Test; Guinea pig) (OECD Test |
| | | Guideline 406) |

| CMR Effects | | |
|-----------------------|---|--|
| Carcinogenicity | Animal testing did not show any carcinogenic effects. | |
| Mutagenicity | In vitro tests did not show mutagenic effects | |
| | In vivo tests did not show mutagenic effects | |
| Teratogenicity | Not classified due to data which are conclusive although insufficient | |
| Reproductive toxicity | Not classified due to data which are conclusive although insufficient | |
| Genotoxicity in vivo | | |
| | negative (in vivo assay; Mammalian-Animal) | |
| Teratogenicity | | |
| NOAEL Teratog | 1.3 mg/L (Rat) | |
| NOAEL Teratog | 2.39 mg/L (Monkey) | |
| Reproductive toxicity | | |
| NOAEL Parent | 1.33 mg/L (Rat) | |

| Specific Target Organ Toxicity | | | |
|--------------------------------|---|--|--|
| Single exposure | Target Organs: Eyes, Central nervous system Causes damage to | | |
| | organs. Experience with human exposure | | |
| Repeated exposure | The substance or mixture is not classified as specific target organ | | |
| | toxicant, repeated exposure. | | |
| | Other toxic properties | | |
| Repeated dose toxicity | LOAEL: 2340 mg/kg bw/day(Monkey, male)(Oral) (No guideline | | |
| | available)Subacute toxicity | | |
| | NOAEL: 1.06 mg/l (Rat)(Inhalation) | | |
| Aspiration hazard | No aspiration toxicity classification, | | |

SECTION 12: Ecological information

12.1 Toxicity

Component Methanol CAS-No 67-56-1

| Acute toxicity | | |
|-------------------------|------|--|
| Fish | LC50 | 15400 mg/l (Lepomis macrochirus; 96 h) (flow- |
| | | through test; EPA 600/3-75/009) |
| Toxicity to daphnia and | EC50 | > 1000 mg/l (Daphnia magna (Water flea); 48 h) |
| other aquatic | | (OECD Test Guideline 202) |
| invertebrates | | |
| algae | EC50 | 22000 mg/l (Pseudokirchneriella subcapitata (green |
| | | algae); 96 h) |
| Bacteria | EC50 | 20000 mg/l (Bacteria; 15 h) |

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| | IC50 | 1000 mg/l (Bacteria; 24 h |
|------------------|------|-------------------------------------|
| | IC50 | > 1000 mg/l (activated sludge; 3 h) |
| Chronic toxicity | | |
| Fish | NOEC | 7900 mg/l (fish; 200 h) |

12.2 Persistence and degradability

Component Methanol CAS-No 67-56-1

| Persistence and degradability | | |
|-------------------------------|---|--|
| Persistence | study scientifically unjustified | |
| Biodegradability | 97 % (Marine water; Exposure Time: 20 d)Readily biodegradable | |
| | 95 % (Fresh water; Exposure Time: 20 d) | |
| | 83 - 91 % (Fresh water sediment; Exposure Time: 3 d) | |
| | 71.5 % (Fresh water; Exposure Time: 5 d) | |
| | 69 % (Marine water; Exposure Time: 5 d) | |
| | 46.3 - 53.5 % (Soil; Exposure Time: 5 d) | |

12.3 Bioaccumulative potential

Bioaccumulation log Kow -0.77

BCF: < 10 The product has low potential bioaccumulation

12.4 Mobility in soil

The product is mobile in water environment.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Component Methanol CAS-No 67-56-1

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

Do not allow undiluted product or large quantities of it to reach sewage system or water bodies

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product: Disposal together with normal waste is not allowed. Special disposal

required according to local regulations. Do not let product enter drains.

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Contact waste disposal services

Contaminated packaging: Dispose of contaminated packaging in the same way as the product. In accordance with local and national regulations. Do not burn, or use a cutting torch on, the empty drum. Risk of explosion.

European Waste Catalogue Number: No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

14.1 UN number

1230

14.2 UN proper shipping name

ADR: METHANOL RID: METHANOL IMDG: METHANOL

14.3 Transport hazard class(es)

ADR-Class (Labels; Classification Code; Hazard identification No; Tunnel restriction code): 3 3, 6.1; FT1; 336; (D/E)

RID-Class (Labels; Classification Code; Hazard identification No): 3 3, 6.1;

FT1; 336

IMDG-Class (Labels; EmS): 33, 6.1; F-E, S-D

14.4 Packaging group

ADR: II RID: II IMDG: II

14.5 Environmental hazards

Environmentally hazardous according to ADR: no Environmentally hazardous according to RID: no Marine Pollutant according to IMDG-Code: no

14.6 Special precautions for user

Not applicable

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

IMDG: Not applicable.

SECTION 15: Regulatory information

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

EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC) - Not listed

EU. REACH Annex XIV, Substances Subject to Authorization - Not listed;

Component Methanol CAS-No 67-56-1

EU. Regulation EU No. 649/2012 concerning the export and import of dangerous chemicals - The substance/mixture does not fall under this legislation.

EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation

1907/2006/EC) Point Nos.:, 3; Listed

Point Nos.: , 40; Listed Point Nos.: , 69; Listed

EU. Regulation No. 1223/2009 on cosmetic products, Annex III: List of Restricted Substances in Cosmetic Products: Maximum concentration in ready for use preparation: 5 %; Denaturant for ethanol and isopropyl alcohol; See the text of the regulation for applicable exceptions or provisions

EU. Directive 2012/18/EU (SEVESO III) Annex I: 2012/18/EU

- : Lower-tier requirements: 500 tonnes; Part 2: Named dangerous substances
- : Upper-tier requirements: 5,000 tonnes; Part 2: Named dangerous substances

WGK (DE): WGK 1: slightly water endangering: 145; Classification source is Annex 2. WGK 2: water endangering: 145; Second classification is a KBwS decision.

Notification status methanol:

| Regulatory List | Notification | Notification number |
|-----------------|--------------|---------------------|
| AICS | YES | |
| DSL | YES | |
| EINECS | YES | 200-659-6 |
| ENCS (JP) | YES | (2)-201 |
| IECSC | YES | |
| ISHL (JP) | YES | (2)-201 |
| JEX (JP) | YES | (2)-201 |

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| KECI (KR) | YES | 97-1-80 |
|------------|-----|-----------|
| KECI (KR) | YES | KE-23193 |
| NZIOC | YES | HSR001186 |
| PICCS (PH) | YES | |
| TSCA | YES | |

15.2 Chemical safety assessment

A chemical safety assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

H225 Highly flammable liquid and vapour.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H370 Causes damage to organs.

Abbreviations and Acronyms

| BCF | bioconcentration factor |
|---------------|---|
| BOD | biochemical oxygen demand |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging |
| CMR | carcinogenic, mutagenic or toxic to reproduction |
| COD | chemical oxygen demand |
| DNEL | derived no-effect level |
| 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 |
| LC50 | median lethal concentration |
| LOAEC | lowest observed adverse effect concentration |
| LOAEL | lowest observed adverse effect level |
| LOEL | lowest observed effect level |
| NLP | no-longer polymer |
| NOAEC | no observed adverse effect concentration |
| NOAEL | no observed adverse effect level |
| NOEC | no observed effect concentration |
| NOEL | no observed effect level |
| OECD | Organisation for Economic Cooperation and Development |
| OEL | occupational exposure limit |
| PBT | persistent, bioaccumulative and toxic |
| PNEC | predicted no-effect concentration |
| STOT | specific target organ toxicity |
| SVHC | substance of very high concern |
| | |

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UVCB substance of unknown or variable composition, complex reaction products or biological materials vPvB very persistent and very bioaccumulative

Other information:

Key literature references and sources for data: Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Methods used for product classification: The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data. Hints for trainings: The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.

Further information

Restricted to professional users. Attention - Avoid exposure - obtain special instructions before use.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Solmedia Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.