

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

MFC Primer 620

Creation date 08. January 2018
Revision date Version 1.0

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

- 1.1. Product identifier** MFC Primer 620
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
mixture's intended use In construction. Typical use as binder.
Disapproved uses of mixture The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
- Distributor**
Name or trade name MFC - MORFICO s.r.o.
Address Olbrachtova 1758, 666 03 Tišnov
Czech Republic
Identification number (ID) 25507494
Phone +420549410141
- Competent person responsible for the safety data sheet**
Name Jindřich Vrbenský
E-mail J.Vrbensky@email.cz
- 1.4. Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111
Emergency telephone number abroad
00 41 447 28 2820 nepřetržitě

SECTION 2: Hazards identification

- 2.1. Substance or mixture classification**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Eye Irrit. 2, H319

Full text of all classifications and H-phrases is given in the section 16.

Most serious adverse effects on human health and the environment

Causes serious eye irritation.

- 2.2. Label elements**
Hazard pictogram



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands and exposed parts of the body thoroughly after handling.

P280 Wear eye protection.

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

P337+P313 If eye irritation persists: Get medical advice/attention.

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2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

A mixture of the substances below and water. Polymer does not have these identifiers because it is supplier's business secret and is not classified as dangerous.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
CAS: 7732-18-5 EC: 231-791-2	water	45-<55		
	polymer based on styrene - acrylate	45-<55		
Index: 603-070-00-6 CAS: 124-68-5 EC: 204-709-8 Registration number: 01-2119475788-16	2-amino-2-methylpropanol	<1,5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	

Full text of all classifications and H-phrases is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

First aiders should pay attention to their own protection and use recommended protective clothing (chemical resistant gloves, splash protection). If there is a possibility of exposure, see section 8 where specific personal protective equipment is given.

Inhalation

Move the affected person to fresh air. If harmful effects occur, consult your doctor.

Skin contact

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible. In the workplace, make eye spray to rinse eyes.

Ingestion

If swallowed, seek medical advice. Do not induce vomiting unless directed to do so by medical personnel.

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

Inhalation

Not expected.

Skin contact

Not expected.

Eye contact

Causes serious eye irritation.

Ingestion

Irritation, nausea. For more information, see Section 11.

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

Instructions for doctors: Ensure adequate ventilation of the patient and use oxygen. No specific antidote is known. Treatment of exposure to substances should be aimed at controlling the symptoms and health of the patient.

More information

They are not available.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use fog, carbon dioxide, chemical powder or foam to extinguish combustible residues of this product.

Unsuitable extinguishing media

Not specified.

5.2. Special hazards arising from the substance or mixture

This material does not start burning before evaporating water. Residues may burn. If a dry product burns, a dense black smoke occurs, hydrocarbons, carbon monoxide and carbon dioxide and other toxic gases may occur. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Close the exposed area and prevent unauthorized persons from entering. Use self-contained breathing apparatus and protective clothing (consisting of helmet, jacket, trousers, boots and neoprene gloves). If the protective equipment is unavailable or if it is not used, fire the fire from the protected area or from a safe distance. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Use adequate protective equipment. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Recycle the mixture or recover the mixture with suitable (nonflammable) absorbent material (clay, sand, diatomaceous earth, soil and other suitable absorbent materials), collect in tightly closed and labeled containers and dispose of according to Section 13. Dispose of collected material in accordance with locally applicable regulations. After removal of the product, wash the contaminated site with plenty of water.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure ventilation of the area. Avoid contact with eyes. Avoid prolonged or repeated contact with the skin. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Po manipulaci se důkladně umyjte. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Store at a temperature of 4.4 °C (40 °F) to 43.3 °C (110 °F). When frozen at 0 °C (32 °F) it can coagulate. During long-term storage, the material may develop a bacterial odor. There are no known safety issues.

Content	1, 3, 5, 10, 20, 25 l
Type of packaging	plastic barrel
Storage temperature	min 4,4 °C, max 43,3 °C

The specific requirements or rules relating to the substance/mixture

For more information, see the technical data sheet for this product.

7.3. Specific end use(s)

See section 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

none

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8.2. Exposure controls

Zamezte styku s očima a kůží. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Wear safety goggles against chemicals. Chemical safety goggles must comply EN 166.

Skin protection

Hand protection: Chemical resistant gloves resistant to the product, against chemicals and micro-organisms (according to ČSN EN 374). Recommended material chlorinated polyethylene, polyethylene, ethyl vinyl alcohol laminate ("EVAL"). styrene-butadiene rubber. Examples of materials for the production of protective gloves: butyl rubber, natural rubber, neoprene, nitrile-butadiene rubber, polyvinyl chloride, viton. Do not use gloves made of: polyvinyl alcohol. If prolonged or repeated contact occurs, it is recommended to use protective gloves of Class 4 or higher (leakage time according to EN 374 is longer than 120 minutes). If only short contact is expected, use protective gloves of Class 1 or higher (leakage time according to EN 374 is longer than 10 minutes). The thickness of the glove itself is not a good indication of the level of protection against the effects of the chemical, as this level strongly depends on the composition of the material from which the gloves are made. For the glove to provide adequate protection for long and frequent contact with the fabric, its thickness must be greater than 0.35 mm (depending on model and type of material). Gloves of other materials with a thickness of less than 0.35 mm can provide adequate protection only in short contact. WARNING: When selecting application-specific gloves and working times at the workplace, account should be taken of all relevant workplace factors, including: other chemicals with which they may come into contact, physical requirements (cut and puncture protection, dexterity, thermal protection), possible bodily responses to gloves and gloves supplier's instructions and specifications. Other protection: Wear impermeable protective clothing. The choice of specific types of clothing such as gloves, shield, boots, apron or whole suit depends on the type of work.

Respiratory protection

Respiratory protection should be used if there is a potential for exceeding the exposure limitation requirements or guidelines. If there are no suitable requirements or guidelines for exposure limits, use respiratory protection if you experience side effects such as respiratory tract irritation or unpleasant feelings, possibly based on your risk assessment process. Under most circumstances, respiratory protection should not be required, but if you feel the need, use an approved air vapor respirator with a particle pre-filter AP2 type.

Thermal hazard

Under normal conditions there is no risk.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

More information

Not stated.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	dispersion
Physical state	liquid at 20°C
color	white
Odour	characteristic
Odour threshold	data not available
pH	6.5-9.5 (undiluted)
Melting point/freezing point	0 °C (voda)
Initial boiling point and boiling range	100 °C (voda)
Flash point	data not available
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	17.5 mmHg (water) at 20 °C
Vapour density	data not available
Relative density	0.95 - 1.10 o (water=1), estimate
Solubility(ies)	
solubility in water	miscible in all ratios
solubility in fats	data not available

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Partition coefficient: n-octanol/water data not available
Auto-ignition temperature data not available
Decomposition temperature data not available
Viscosity data not available
Explosive properties data not available
Oxidising properties data not available

9.2. Other information

Density data not available
ignition temperature data not available
The above values are typical and should not be construed as specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

Under normal use, the mixture is stable, no dangerous reactivity known. When frost coagulates. Polymerization does not occur.

10.2. Chemical stability

Stable under recommended storage conditions. See Storage, Section 7.

10.3. Possibility of hazardous reactions

With acids or metal salts.

10.4. Conditions to avoid

It can coagulate in a frozen condition. Dry resin is flammable.

10.5. Incompatible materials

Addition of chemicals such as acids or salts of multivalent metals may cause coagulation.

10.6. Hazardous decomposition products

Not developed under normal uses. The formation of hazardous decomposition products depends on temperature, air supply and the presence of other substances. Fire causes carbon dioxide, carbon dioxide, smoke, soot.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met. Single oral dose toxicity is considered to be low. Swallowing small amounts by accident in normal handling should not cause any health hazard. It is unlikely that single prolonged exposure may cause the substance to be absorbed by the skin in amounts that would have a deleterious effect.

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Route of exposure	Parameter	Value	Time of exposure	Species	Sex	Source
Dermal	LD ₅₀	>2000 mg/kg		Rat		podobné materiály
Oral	LD ₅₀	>2000 mg/kg		Rat		podobné materiály

Skin corrosion/irritation

Based on available data the classification criteria are not met. JOne-off short exposure is unlikely to cause significant irritation to the skin. Longer exposure may cause slight irritation to the skin. May stick to the skin and cause irritation during removal.

Serious eye damage/irritation

Causes serious eye irritation. May cause corneal damage.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

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Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met. Teratogenicity: For minor component (s): The following information is based on limited data and / or studies. It acts toxic to the fetus in laboratory animals at doses that are toxic to the mother.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met. Contains component (s) reported to have an effect on the following organs in animals: Liver. Contains the component (s) reported for human organs: Blood.

Aspiration hazard

Based on physical properties, there is no likely danger of inhalation. In case of good ventilation, one-off exposure is not expected to be hazardous. Inadequately ventilated areas may cause fumes or fog and cause respiratory irritation. Signs and symptoms of over exposure may be: headache, nausea or vomiting. The LC50 product has not been determined.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

There is no data available for the mixture for ingredients only. No hazardous effects are expected in the aquatic environment. The polymer component increases the biological oxygen demand in wastewater, and low toxicity to aquatic organisms is expected.

2-amino-2-methylpropanol

Parameter	Method	Value	Time of exposure	Species	Environment	Determining the value of	Source
LC ₅₀	OECD 203	190 mg/l	96 hour	Fishes (Lepomis mscrochirus)		Static system	
LC ₅₀	OECD 203	184 mg/l	96 hour	Fishes (Pleuronectes platessa)		Semi static system	
LC ₅₀	OECD 203	331 mg/l	48 hour	Fishes (Lepomis mscrochirus)		Static system	
LC ₅₀	OECD 202	179 mg/l	96 hour	Crustaceans (Crangon crangon)		Semi static system	
LC ₅₀	OECD 202	193 mg/l	48 hour	Daphnia (Daphnia magna)		Static system	
EC ₅₀	OECD 201	565.5 mg/l	72 hour	Algae (Scenedesmus)		Static system	biomasa
EC ₅₀	OECD 209	352.9 mg/l	3 hour	Bacteria	Activated sludge	Static system	biomasa

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Styrene-acrylate based polymer: For similar material (s): Material not classified as dangerous for aquatic organisms (LC50 / EC50 / IC50 values higher than 100 mg / l for most sensitive species)..

2-amino-2-methylpropan-1-ol: Material not classified as dangerous for aquatic organisms (LC50 / EC50 / IC50 values higher than 100 mg / l for most sensitive species). It can increase the pH of the aquatic environment to > 10, which may be toxic to aquatic organisms. Acute and prolonged fish toxicity:

LC50, monthly (Lepomis macrochirus), static test, 96 h: 190 mg / l

LC50, Pleuronectes platessa, static test, 96 h: 184 mg / l

LC50, Leuciscus idus, static test, 48 h: 331 mg / l

Acute toxicity to aquatic invertebrates:

LC50, Crangon crangon shrimp, semi-static test, 96 h, survival: 179 mg / l

LC50, Great Daphnia magna, static test, 48 hours, survival: 193 mg / l

Toxicity to algae / aquatic plants:

EyC50, scénesmus algae, static test, inhibition of biomass growth, 72 h: 565.5 mg / l

Toxicity to bacteria:

EC50, OECD Test 209; activated sludge, static test, 3.0 h: 342.9 mg / l

12.2. Persistence and degradability

Biodegradability

2-amino-2-methylpropanol

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301F	89.3 %	28 day		Easily biodegradable

There is no data available for the mixture. Styrene-acrylate-based polymer: no appreciable biodegradation is expected. 2-Amino-2-methylpropan-1-ol: The substance is readily biodegradable. The easy biodegradability has been determined by appropriate OECD tests. Biodegradation 89.3% 28 days, OECD 301F test passed.

12.3. Bioaccumulative potential

2-amino-2-methylpropanol

Parameter	Method	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]	Determining the value of
BCF	OECD 107	<100					
Log Pow	OECD 107	-0.63					
BCF	OECD 107	<1					Experimentally

There is no data available for the mixture. Styrene-acrylate-based polymer: Bioaccumulation: Due to the high molecular weight of the polymer component, does not anticipate its bioconcentration. The latex dispersion turns the water into milky white. Information on Component: 2-amino-2-methylpropan-1-ol: Bioaccumulation: The bioconcentration potential is low (BCF less than 100 or log Pow less than 3). Partition coefficient, n-octanol / water (log Pow): -0.63 Shaker flask. Bioconcentration factor (BCF): <1; fish; measured.

12.4. Mobility in soil

2-amino-2-methylpropanol

Parameter	Value	Environment	Surrounding temperature	Determining the value of	Source
Poc	0-50				
Koc	18			Analogous approach	odhad

There is no data available for the mixture. Polymer component: no data. Information on Component: 2-amino-2-methylpropan-1-ol: Mobility in soil: Mobility potential in soil is very high (Poc ranges between 0 and 50). Partition coefficient, soil organic carbon / water (Koc): 18 estimated. Henry constant: 6.82E-08 atm * m³ / mol; 25 ° C Estimated.

12.5. Results of PBT and vPvB assessment

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Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Polymer based on styrene-acrylate

This substance is not listed in Annex I to Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

2-amino-2-methylpropan-1-ol

This substance is not listed in Annex I to Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Legislation of waste

Council Directive 75/442/EEC on waste, as amended. Decree No. 383/2001 Coll., on details regarding waste handling as amended. Decree No. 93/2016 Coll., (waste catalogue) as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Code of type of waste

07 06 99 wastes not otherwise specified

Packaging waste type code

15 01 02 plastic packaging

SECTION 14: Transport information

14.1. UN number

Not subject to ADR.

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

Based on available data, it is not considered to be dangerous for the environment.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

There is no data available.

Additional information

This information does not provide all specific legal or operational conditions / information regarding with this product. Classification of shipping conditions may vary depending on container volume a may be affected by regional or national regulatory changes. Additional information about conditions of carriage can be obtained through an authorized dealer or through customer service representative. The shipping company is responsible for complying with all valid laws, regulations and rules for the transport of material.

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SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended (the Chemical Act). The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. The Act No. 258/2000 Coll., on Protection of Public Health as amended. Decree No. 361/2007 Coll., determining conditions of occupational health protection as amended. Decree No. 415/2012 Coll., on the permissible level of pollution and its determination and implementation of certain other provisions of the Air Protection Act as amended. The Act No. 185/2001 Coll., on Waste and the Amendment of Some Other Acts as amended. The Act No. 201/2012 Coll., on the Protection of Atmosphere – Clean Air Act as amended. Decree No. 432/2003 Coll., laying down conditions for assigning categories to individual jobs, limit values of indices from biological exposure tests, conditions for the sampling of biological materials for biological exposure and the particulars of the reports on work with asbestos and biological agents as amended.

15.2. Chemical safety assessment

Not available.

More information

REACH Regulation (EC) No 1907/2006 This product contains only ingredients which have either been pre-registered, registered, or are exempted from registration, or are regarded as registered under Regulation (EC) No 1907/2006 (REACH). Polymers are exempted from registration under Regulation REACH. All starting materials and ingredients were either pre-registered, registered, or exempted from registration under Regulation (EC) No 1907/2006 (REACH). The above REACH registration data were provided in good faith and in the belief of their correctness to the above date of effectiveness. However, no warranty, express or implied, is provided. A correct understanding of the product's regulatory status is the responsibility of the buyer / user.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P264 Wash hands and exposed parts of the body thoroughly after handling.
P280 Wear eye protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road
BCF Bioconcentration Factor
CAS Chemical Abstracts Service
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL Derived no-effect level
EC Identification code for each substance listed in EINECS
EC₅₀ Concentration of a substance when it is affected 50% of the population
EINECS European Inventory of Existing Commercial Chemical Substances
EmS Emergency plan
EU European Union

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IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative
Aquatic Chronic	Hazardous to the aquatic environment
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Skin Irrit.	Skin irritation

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

Not reported. Use only as recommended.

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. The Act No. 350/2011 Coll., on Chemical Substances and Chemical Preparations as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

Version 2.0 replaces version BL of September 30, 2014. Changes were made in all sections.

More information

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The manufacturer encourages each customer or recipient of this Safety Data Sheet to study it carefully and to consult the appropriate assessment as appropriate or appropriate and to take note of and understand the information contained in this SDS and any hazards associated with the product. The information in this document is provided in good faith and is considered to be the most accurate available as of the date mentioned above. However, no warranty, express or implied, is provided. Legal requirements are subject to change and may vary by location. It is the buyer / user's responsibility to ensure that all his activities comply with all applicable laws and regulations. The information given here only applies to the product in the state in which it is transported. Since the conditions of use of the product are beyond the control of the manufacturer, it is the purchaser / user's obligation to determine the conditions necessary for the safe use of this product. As a result of the dissemination of sources of information, such as the manufacturer's specific safety data sheets, we are not and can not be held responsible for safety data sheets from any source other than us. If you have received a safety data sheet from another source or if you are not sure whether the safety sheet you have is up to date, please request the current version.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.