

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name: Car Paint BK Mat New

This safety data sheet pertains to the following products:
101566 = Car Paint BK Mat New**1.2 Relevant identified uses of the substance or mixture and uses advised against**General use: Coating agent, Varnish
For commercial user only.**1.3 Details of the supplier of the safety data sheet**

Company name: Berner Produkten b.v.

Street/POB-No.: Steenbergstraat 25

Postal Code, city: 6465 AB Kerkrade
Netherlands

WWW: www.berner.nl

E-mail: info@berner.nl

Telephone: +31 45 53 39 133

Department responsible for information:

E-mail: Productsafety.Chemicals@berner-group.com

1.4 Emergency telephone number**Poisons information service:****Nationaal Vergiftigingen Informatie Centrum (NVIC)****Telephone: 088 755 8000****'Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen'.****Transport:****CONSULTANK Lutz Harder GmbH (Contract Qualisys/Berner)****Telephone: +49 (178) 4337434 (from USA: 01149 178 4337434)****SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to EC regulation 1272/2008 (CLP)**

Aerosol 1; H222; H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Eye Irrit. 2; H319 Causes serious eye irritation.

STOT SE 3; H336 May cause drowsiness or dizziness.

(EUH066) Repeated exposure may cause skin dryness or cracking.

2.2 Label elements**Labelling (CLP)**

Signal word:

Danger

Hazard statements:

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

EUH066

Repeated exposure may cause skin dryness or cracking.

Precautionary statements:	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P211	Do not spray on an open flame or other ignition source.
	P251	Do not pierce or burn, even after use.
	P261	Avoid breathing vapours/spray.
	P280	Wear protective gloves/protective clothing/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.
	P312	Call a POISON CENTER/doctor if you feel unwell.
	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Special labelling

Text for labelling: Contains Acetone, n-Butyl acetate

2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.
The product is skin resorptive.

Endocrine disrupting properties:
CAS 78-93-3 Butanone: list II

Endocrine disrupting properties, Results of PBT and vPvB assessment:

CAS No.	Designation	PBT/vPvB	ED Human	ED Environment
78-93-3	Butanone		List II	

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterisation: Blend of active ingredients with propellant.

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119471330-49-xxxx EC No. 200-662-2 CAS 67-64-1	Acetone Flam. Liq. 2; H225. Eye Irrit. 2; H319. STOT SE 3; H336. (EUH066).	25 - 50 %
EC No. 203-603-9 CAS 108-65-6	2-Methoxy-1-methylethyl acetate Flam. Liq. 3; H226.	5 - 10 %
EC No. - CAS 9004-70-0	Nitrocellulose Expl. 1.1; H201.	2,5 - 5 %
REACH 01-2119457610-43-xxxx EC No. 200-578-6 CAS 64-17-5	Ethanol Flam. Liq. 2; H225. Eye Irrit. 2; H319. Specific concentration limits (SCL): Eye Irrit. 2; H319: C ≥ 50 %	2,5 - 5 %
EC No. 204-658-1 CAS 123-86-4	n-Butyl acetate Flam. Liq. 3; H226. STOT SE 3; H336. (EUH066).	2,5 - 5 %
REACH 01-2119488216-32-xxxx EC No. 215-535-7 CAS 1330-20-7	Xylene (isomeric mixture) Flam. Liq. 3; H226. Acute Tox. 4; H312. Acute Tox. 4; H332. Skin Irrit. 2; H315. Eye Irrit. 2; H319. STOT SE 3; H335. STOT RE 2; H373. Asp. Tox. 1; H304. Aquatic Chronic 3; H412.	1 - 2,5 %
REACH 01-2119457290-43-xxxx EC No. 201-159-0 CAS 78-93-3	Butanone Flam. Liq. 2; H225. Eye Irrit. 2; H319. STOT SE 3; H336. (EUH066).	< 1 %
REACH 01-2119514685-36-xxxx EC No. 230-991-7 CAS 7397-62-8	Glycollic acid butyl ester Eye Dam. 1; H318. Repr. 2; H361.	< 1 %
REACH 01-2119485044-40-xxxx EC No. 231-944-3 CAS 7779-90-0	Zinc phosphate Aquatic Acute 1; H400. Aquatic Chronic 1; H410. M-factors: Aquatic Acute 1: M = 1. Aquatic Chronic 1: M = 1.	< 0,25 %
REACH 01-2119472128-37-xxxx EC No. 204-065-8 CAS 115-10-6	Dimethyl ether Flam. Gas 1; H220. Press. Gas (Comp.); H280.	10 - 25 %
REACH 01-2119486944-21-xxxx EC No. 200-827-9 CAS 74-98-6	Propane Flam. Gas 1; H220. Press. Gas (Comp.); H280.	10 - 25 %
REACH 01-2119474691-32-xxxx EC No. 203-448-7 CAS 106-97-8	Butane, <0,1% Butadiene Flam. Gas 1; H220. Press. Gas (Comp.); H280.	5 - 10 %
REACH 01-2119485395-27-xxxx EC No. 200-857-2 CAS 75-28-5	i-Butane, <0,1% Butadiene Flam. Gas 1; H220. Press. Gas (Comp.); H280.	5 - 10 %

Full text of H- and EUH-statements: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information:	If medical advice is needed, have product container or label at hand. Take off contaminated clothing and wash it before reuse.
In case of inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if problems persist.
Following skin contact:	Immediately clean with water and soap followed by thorough rinsing. In case of skin reactions, consult a physician.
After eye contact:	Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.
After swallowing:	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

May cause drowsiness or dizziness.
Causes serious eye irritation.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Extinguishing powder, alcohol resistant foam, carbon dioxide

Extinguishing media which must not be used for safety reasons:

Full water jet

5.2 Special hazards arising from the substance or mixture

Extremely flammable aerosol. Pressurised container: May burst if heated.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Heating will lead to pressure increase: Danger of bursting and explosion. Use fine water spray to cool endangered containers.

Move undamaged containers from immediate hazard area if it can be done safely.

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Do not allow fire water to penetrate into surface or ground water.

Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe vapours and spray. Avoid contact with the substance.

In case of leakage, eliminate all ignition sources. Provide adequate ventilation.

Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse. Keep unprotected people away.

Cordon off downwind area at risk and warn inhabitants.

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains. Danger of explosion!
In case of release, notify competent authorities.

6.3 Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13).
Thoroughly clean surrounding area.
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

6.4 Reference to other sections

Refer additionally to section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Do not breathe vapours and spray. Do not get in eyes, on skin, or on clothing. Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
Take off contaminated clothing and wash it before reuse.
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.
Have eye wash bottle or eye rinse ready at work place. When handling large quantities, supply emergency spray.

Precautions against fire and explosion:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.
Keep container dry. Keep only in the original container.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store containers in upright position.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
67-64-1	Acetone	Europe: IOELV: TWA	1210 mg/m ³ ; 500 ppm
		Netherlands: TGG 15 min	2420 mg/m ³
		Netherlands: TGG 8 uur	1210 mg/m ³
108-65-6	2-Methoxy-1-methylethyl acetate	Europe: IOELV: STEL	550 mg/m ³ ; 100 ppm (may be absorbed through the skin)
		Europe: IOELV: TWA	275 mg/m ³ ; 50 ppm (may be absorbed through the skin)
		Netherlands: TGG 8 uur	550 mg/m ³
64-17-5	Ethanol	Netherlands: TGG 15 min	1900 mg/m ³ (carcinogenic, may be absorbed through the skin)
		Netherlands: TGG 8 uur	260 mg/m ³ (carcinogenic, may be absorbed through the skin)
123-86-4	n-Butyl acetate	Europe: IOELV: STEL	723 mg/m ³ ; 150 ppm
		Europe: IOELV: TWA	241 mg/m ³ ; 50 ppm
		Netherlands: TGG 15 min	723 mg/m ³
		Netherlands: TGG 8 uur	241 mg/m ³
1330-20-7	Xylene (isomeric mixture)	Europe: IOELV: STEL	442 mg/m ³ ; 100 ppm (may be absorbed through the skin)
		Europe: IOELV: TWA	221 mg/m ³ ; 50 ppm (may be absorbed through the skin)
		Netherlands: TGG 15 min	442 mg/m ³ (may be absorbed through the skin)
		Netherlands: TGG 8 uur	210 mg/m ³ (may be absorbed through the skin)
78-93-3	Butanone	Europe: IOELV: STEL	900 mg/m ³ ; 300 ppm
		Europe: IOELV: TWA	600 mg/m ³ ; 200 ppm
		Netherlands: TGG 15 min	900 mg/m ³ (may be absorbed through the skin)
		Netherlands: TGG 8 uur	590 mg/m ³ (may be absorbed through the skin)
115-10-6	Dimethyl ether	Europe: IOELV: TWA	1920 mg/m ³ ; 1000 ppm
		Netherlands: TGG 15 min	1500 mg/m ³
		Netherlands: TGG 8 uur	950 mg/m ³

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls

Respiratory protection:	Respiratory protection must be worn whenever the WEL levels have been exceeded. Recommendation: wear a half mask respirator with type A1P2 filter or better The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
Hand protection:	Protective gloves according to EN 374. Glove material: Nitrile rubber (0,7 mm) Permanent contact: 15 min Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Eye protection:	Tightly sealed goggles according to EN 166.
Body protection:	Flame retardant, antistatic and chemical resistant protective clothing.

General protection and hygiene measures:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source.
Do not breathe vapours and spray. Do not get in eyes, on skin, or on clothing.
When using do not eat or drink. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.
Have eye wash bottle or eye rinse ready at work place. When handling large quantities, supply emergency spray.

Environmental exposure controls

Refer to "6.2 Environmental precautions".

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state at 20 °C and 101.3 kPa	liquid
Colour:	Form: Aerosol Black, matt
Odour:	Like solvent
Odour threshold:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	-44,5 °C
Flammability:	Extremely flammable aerosol.
Upper/lower flammability or explosive limits:	LEL (Lower Explosion Limit): 1,50 Vol-% UEL (Upper Explosive Limit): 18,60 Vol-%
Flash point/flash point range:	<= 0 °C
Auto-ignition temperature:	235 °C
Decomposition temperature:	Not determined
pH:	Not determined
Viscosity, dynamic:	Not determined
Viscosity, kinematic:	Not determined
Water solubility:	Slightly miscible
Partition coefficient: n-octanol/water:	Not determined
Vapour pressure:	3600 hPa
Density:	Not determined
Vapour density:	Not determined
Particle characteristics:	Not applicable

9.2 Other information

Explosive properties:	Vapours can form explosive mixtures with air.
Oxidizing characteristics:	No data available
Auto-ignition temperature:	Not self-igniting
Solid content:	9,0 %
Water content:	0 %
Evaporation rate:	Not applicable

SECTION 10: Stability and reactivity**10.1 Reactivity**

Extremely flammable aerosol
Vapours can form explosive mixtures with air.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Pressurised container: May burst if heated.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition source. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

No decomposition when used properly.

Thermal decomposition: Not determined

SECTION 11: Toxicological information

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

Toxicological effects:

The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation: Eye Irrit. 2; H319 = Causes serious eye irritation.

Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.

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

Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.

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

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

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): STOT SE 3; H336 = May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

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

11.2 Information on other hazards

Endocrine disrupting properties: CAS 78-93-3 Butanone: list II

Other information: Information about Acetone:
LD50, Rat, oral: 5.800 mg/kg
LD50, Guinea pig, dermal: > 7.400 mg/kg
LC50, Rat, inhalative: 76.000 mg/m³/4h
Information about 2-Methoxy-1-methylethyl acetate:
LD50, Rat, oral: > 6.190 mg/kg (OECD 401)
LD50, Rabbit, dermal: > 5.000 mg/kg (OECD 402)
Information about Ethanol:
LD50, Rat, oral: 10.470 mg/kg
LD50, Rabbit, dermal: 15.800 mg/kg
LC50 Rat, inhalative: 50.000 mg/m³/4h
Information about n-Butyl acetate:
LD50, Rat, oral: > 10.760 mg/kg
LD50, Rabbit, dermal: > 14.000 mg/kg
Information about Xylene (isomeric mixture):
LD50 Rat, oral: 3.523 mg/kg
LD50 Rat, dermal 12.126 mg/kg
LC50 Rat, inhalative: 27.124 mg/m³/4h

Symptoms

Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.
After contact with skin: Repeated exposure may cause skin dryness or cracking.
The product is skin resorptive.
After eye contact: Upon direct contact with eyes may cause burning, tearing, redness.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Information about Zinc phosphate:
Fish toxicity (Pimephales promelas (fathead minnow)), LC50: 0,780 mg Zn/L/96h (pH low)
Fish toxicity (Pimephales promelas (fathead minnow)), LC50: 0,33 mg Zn/L/96h (pH neutral/high)
Daphnia toxicity (Ceriodaphnia spec), EC50: 0,413 mg Zn/L/48h (pH low, Wasserhärte low)
Daphnia toxicity (Ceriodaphnia spec), EC50: > 0,53 mg Zn/L/48h (pH low, Wasserhärte high)
Daphnia toxicity (Ceriodaphnia spec), EC50: 0,147 mg Zn/L/48h (pH high, Wasserhärte low)
Daphnia toxicity (Ceriodaphnia spec), EC50: 0,228 mg Zn/L/48h (pH high, Wasserhärte high)
Algae toxicity (Selenastrum capricornutum (green algae)), IC50: 0,136 mg Zn/L/72h (pH neutral/high)

12.2 Persistence and degradability

Further details: No data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:
Not determined

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.
Avoid spills and leaks. Very small amounts contaminates drinking water.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Waste key number: 16 05 04* = Gases in pressure containers (including halons) containing hazardous substances/Aerosol
* = Evidence for disposal must be provided.

Recommendation: Do not pierce or burn, even after use.
Special waste. Dispose of waste according to applicable legislation.
Do not dispose of with household waste.

Package

Waste key number: 15 01 10* = packaging containing residues of or contaminated by dangerous substances
* = Evidence for disposal must be provided.

Recommendation: Dispose of waste according to applicable legislation.
Empty carefully and completely, if possible. Handle empty containers with care. Incineration may cause explosion.

SECTION 14: Transport information**14.1 UN number or ID number**

ADR/RID, ADN, IMDG, IATA-DGR:
UN 1950

14.2 UN proper shipping name

ADR/RID, ADN, IMDG: UN 1950, AEROSOLS
IATA-DGR: UN 1950, AEROSOLS, FLAMMABLE

14.3 Transport hazard class(es)

ADR/RID, ADN: Class 2, Code: 5F
IMDG: Class 2, Subrisk -, see SP63
IATA-DGR: Class 2.1

**14.4 Packing group**

ADR/RID, ADN, IMDG, IATA-DGR:
not applicable

14.5 Environmental hazards

Dangerous for the environment: Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG: no

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board:	RID: Kemmler-number 23, UN number UN 1950
Hazard label:	2.1
Special Provisions:	190 327 344 625
Limited quantities:	1 L
EQ:	E0
Package - Instructions:	P207 LP200
Package - Special Provisions:	PP87 RR6 L2
Special provisions for packing together:	MP9
Tunnel restriction code:	D

Inland waterway craft (ADN)

Hazard label:	2.1
Special Provisions:	190 327 344 625
Limited quantities:	1 L
EQ:	E0
Equipment necessary:	PP - EP - A
ventilation:	VE01,VE04

Sea transport (IMDG)

EmS:	F-D, S-U
Special Provisions:	63 190 277 327 344 381 959
Limited quantities:	See SP277
Excepted quantities:	E0
Package - Instructions:	P207, LP200
Package - Provisions:	PP87, L2
IBC - Instructions:	-
IBC - Provisions:	-
Tank instructions - IMO:	-
Tank instructions - UN:	-
Tank instructions - Provisions:	-
Stowage and handling:	SW1 SW22
Segregation:	SG69
Properties and observations:	-
Segregation group:	none

Air transport (IATA)

Hazard label:	Flamm. gas
Excepted Quantity Code:	E0
Passenger and Cargo Aircraft: Ltd.Qty.:	Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger and Cargo Aircraft:	Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo Aircraft only:	Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
Special Provisions:	A145 A167 A802
Emergency Response Guide-Code (ERG):	10L

14.7 Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

National regulations - Netherlands

No data available

National regulations - EC member states

Volatile organic compounds (VOC):

87,8 % by weight = 840 g/L

Labelling of packaging with <= 125mL content

Signal word:

Danger

Hazard statements:

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

EUH066

Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211

Do not spray on an open flame or other ignition source.

P251

Do not pierce or burn, even after use.

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Further regulations, limitations and legal requirements:

Product:

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

Physical hazards: Code P3a, Quantity threshold 150 000 kg / 500 000 kg

Use restriction according to REACH annex XVII, no.: 3, 40, 75

Acetone:

Regulation (EU) No 2019/1148 (marketing and use of explosives precursors)

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Wording of the H-phrases under paragraph 2 and 3:

H201 = Explosive; mass explosion hazard.

H220 = Extremely flammable gas.

H222 = Extremely flammable aerosol.

H225 = Highly flammable liquid and vapour.

H226 = Flammable liquid and vapour.

H229 = Pressurised container: May burst if heated.

H280 = Contains gas under pressure; may explode if heated.

H304 = May be fatal if swallowed and enters airways.

H312 = Harmful in contact with skin.

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H319 = Causes serious eye irritation.

H332 = Harmful if inhaled.

H335 = May cause respiratory irritation.

H336 = May cause drowsiness or dizziness.

H361 = Suspected of damaging fertility or the unborn child.

H373 = May cause damage to organs through prolonged or repeated exposure.

H400 = Very toxic to aquatic life.

H410 = Very toxic to aquatic life with long lasting effects.

H412 = Harmful to aquatic life with long lasting effects.

EUH066 = Repeated exposure may cause skin dryness or cracking.

Reason of change:

General revision

Date of first version:

4-2-2021

Department issuing data sheet: see section 1: Department responsible for information

Abbreviations and acronyms:

- Acute Tox.: Acute toxicity
- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- Aerosol: Aerosol
- Aquatic Acute: Hazardous to the aquatic environment - acute
- Aquatic Chronic: Hazardous to the aquatic environment - chronic
- AS/NZS: Australian Standards/New Zealand Standards
- Asp. Tox.: Aspiration toxicity
- CAS: Chemical Abstracts Service
- CFR: Code of Federal Regulations
- CLP: Classification, Labelling and Packaging
- DMEL: Derived minimal effect level
- DNEL: Derived no-effect level
- EC: European Community
- EC50: Effective Concentration 50%
- EN: European Standard
- EQ: Excepted quantities
- EU: European Union
- Expl.: Explosives
- Eye Dam.: Eye damage
- Eye Irrit.: Eye irritation
- Flam. Gas: Flammable gases
- Flam. Liq.: Flammable liquid
- IATA: International Air Transport Association
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- IC50: Inhibition Concentration 50%
- IMDG Code: International Maritime Dangerous Goods Code
- LC50: Median lethal concentration
- LD50: Lethal dose 50%
- LEL: Lower Explosion Limit
- MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
- M-factor: Multiplication factor
- OECD: Organisation for Economic Co-operation and Development
- OEL: Occupational Exposure Limit Value
- OSHA: Occupational Safety and Health Administration
- PBT: Persistent, bioaccumulative and toxic
- PNEC: Predicted no-effect concentration
- Press. Gas: Gases under pressure
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- Repr.: Reproductive toxicity
- RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
- Skin Irrit.: Skin irritation
- STOT RE: Specific target organ toxicity - repeated exposure
- STOT SE: Specific target organ toxicity - single exposure
- TLV: Threshold Limit Value
- TRGS: Technical Rules for Hazardous Substances
- UN: United Nations
- vPvB: Very persistent and very bioaccumulative
- WEL: Workplace Exposure Limit

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.