Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878

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

1.1. product identifiers

Article No. (manufacturer/supplier)	KG530001BJ10
Trade name/designation	Classic HardOil Stat.Warennummer: 3208.10.900 abZ-157-10-149 UFI: KY00-R0CS-900A-3FMP

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

Relevant identified uses:
paint and/or paint related material
Reserved for industrial and professional use.

Uses advised against:
Do not use for injecting or spraying.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

Berger-Seidle GmbH
Parkettlacke - Klebstoffe - Bauchemie
Maybachstraße 2
67269 Grünstadt
Germany

Telephone: +49 6359 / 8005-0
Telefax: +49 6359 / 8005-170

Department responsible for information:
Laboratory
E-mail: Sicherheitsdaten@berger-seidle.de

1.4. Emergency telephone number

24-hour emergency number: +49 700 24112112
(BLG)
24-hour emergency number in side USA: +1 872 5888271 or +11 49 700 24112112 (BLG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
Carc. 1B / H350	Carcinogenicity	May cause cancer.
STOT SE 3 / H336	STOT-single exposure	May cause drowsiness or dizziness.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Danger

Hazard statements

H226	Flammable liquid and vapour.
H350	May cause cancer.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves and eye/face protection.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P370 + P378	In case of fire: Use extinguishing powder or sand to extinguish.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.

Hazard components for labelling

butanone oxime
Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

Supplemental hazard information

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH208 Contains butanone oxime; phthalic anhydride; Fatty acids, C14-18 and C16-18-unsatd., maleated. May produce an allergic reaction.

2.3. **Other hazards**

Spontaneous ignition possible through autoxidation of cloths soaked in the product. (The same applies to dust and other paint-soaked items). The product itself is not self ignitive.

Other information

Read label before use. If medical advice is needed, have product container or label at hand. Keep out of reach of children.

SECTION 3: Composition/information on ingredients

3.2. **Mixtures**

Description Oils/waxes, high in solvents, aromatics removed

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

EC No. CAS No. Index No.	REACH No. Designation classification // Remark	weight-%
927-241-2	01-2119471843-32-XXXX Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics Skin Irrit. 3 H316 / STOT SE 3 H336 / Asp. Tox. 1 H304 / Aquatic Acute 3 H402 / Aquatic Chronic 3 H412 / Flam. Liq. 3 H226	25 - 50
265-150-3 64742-48-9 649-327-00-6	01-2119463258-33-XXXX Naphtha (petroleum), hydrotreated heavy Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / STOT SE 3 H336 / EUH066	20 - 25
918-167-1	01-2119472146-39-XXXX Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics Flam. Liq. 3 H226 / Asp. Tox. 1 H304	1 - 2,5
245-018-1 22464-99-9	01-2119979088-21-XXXX 2-ethylhexanoic acid, zirconium salt Repr. 2 H361	0,5 - 1
202-496-6 96-29-7 616-014-00-0	01-2119539477-28-XXXX butanone oxime Carc. 1B H350 / Acute Tox. 4 H312 / Acute Tox. 3 H301 / STOT SE 3 H336 / STOT SE 1 H370 / STOT RE 2 H373 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / Skin Sens. 1 H317 Acute toxicity estimate (ATE): ATE (oral): 100 mg/kg bw / ATE (dermal): 1100 mg/kg bw	0,25 - 0,5
288-306-2 85711-46-2	01-2119976378-19-XXXX Fatty acids, C14-18 and C16-18-unsatd., maleated Skin Irrit. 2 H315 / Skin Sens. 1 H317	0,25 - 0,5
201-607-5 85-44-9 607-009-00-4	01-2119457017-41-XXXX phthalic anhydride Acute Tox. 4 H302 / STOT SE 3 H335 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / Resp. Sens. 1 H334 / Skin Sens. 1 H317 Acute toxicity estimate (ATE): ATE (oral): 1530 mg/kg bw	0,1 - 0,25

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. **Description of first aid measures**

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation
Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact
Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

Following ingestion
If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. **Most important symptoms and effects, both acute and delayed**
In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. **Indication of any immediate medical attention and special treatment needed**
First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media:
alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Unsuitable extinguishing media
strong water jet

5.2. **Special hazards arising from the substance or mixture**
Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. **Advice for firefighters**
Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**
Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. **Environmental precautions**
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

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). Clean using cleansing agents. Do not use solvents.

6.4. **Reference to other sections**
Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. **Precautions for safe handling**

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Further information

Vapours are heavier than air. Vapours form explosive mixtures with air.

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

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 25 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Occupational exposure limit values:

Naphtha (petroleum), hydrotreated heavy
Index No. 649-327-00-6 / EC No. 265-150-3 / CAS No. 64742-48-9

WEL, TWA: 800 mg/m3
Remark: (> or = C7, Cycloalkanes)

WEL, TWA: 1200 mg/m3
Remark: (> or = C7, Normal and branched chain alkanes)

WEL, TWA: 1200 mg/m3
Remark: (> or = C7, Normal and branched chain alkanes)

WEL, TWA: 1200 mg/m3
Remark: (> or = C7, Normal and branched chain alkanes)

phthalic anhydride
Index No. 607-009-00-4 / EC No. 201-607-5 / CAS No. 85-44-9

WEL, TWA: 4 mg/m3
WEL, STEL: 12 mg/m3

Additional information

TWA : Long-term occupational exposure limit value
STEL : short-term occupational exposure limit value
Ceiling : peak limitation

8.2. **Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Personal protection equipment

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: Butyl caoutchouc (butyl rubber)
Thickness of the glove material > 0,4 mm ; Breakthrough time: > 480 min.
Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374
Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

Wear closely fitting protective glasses in case of splashes.

Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures
After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls
Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

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

Physical state:	**Liquid**
Colour:	**brown**
Odour:	**characteristic**
Odour threshold:	**not applicable**
Melting point/freezing point:	**not applicable**
Initial boiling point and boiling range:	**110 °C** Source: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Flammability:	**Flammable liquid and vapour.**
Lower and upper explosion limit:	
Lower explosion limit:	**0,8 Vol-%**
Upper explosion limit:	**8 Vol-%** Source: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Flash point:	**35 °C**
Auto-ignition temperature:	**200 °C** Source: Naphtha (petroleum), hydrotreated heavy
Decomposition temperature:	**not applicable**
pH at 20 °C:	**not applicable**
Cinematic viscosity (40°C):	**< 135 mm²/s**
Viscosity at 20 °C:	**27 s 4 mm** Method: DIN 53211
Solubility(ies):	
Water solubility at 20 °C:	**insoluble**
Partition coefficient: n-octanol/water:	**see section 12**
Vapour pressure at 20 °C:	**10 mbar** Method: calculated. Source: Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Density and/or relative density:	
Density at 20 °C:	**0,89 g/cm³** Method: ISO 2811, part 3
Relative vapour density:	**not applicable**
particle characteristics:	**not applicable**

9.2. **Other information**

Solvent separation test:	**< 3 weight-% (ADR/RID)**

SECTION 10: Stability and reactivity

10.1. **Reactivity**
No information available.

10.2. **Chemical stability**
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to

section 7.

10.3. **Possibility of hazardous reactions**
Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. **Conditions to avoid**
Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. **Incompatible materials**
not applicable

10.6. **Hazardous decomposition products**
Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

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

Acute toxicity

phthalic anhydride
oral, LD50, Rat: 1530 mg/kg
dermal, LD50, Rabbit: 3160 mg/kg
inhalative, Rat: 0,21 mg/L (1 h)

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
oral, LD50, Rat: > 5000 mg/kg
Method: OECD 401
dermal, LD50, Rabbit: > 5000 mg/kg
Method: OECD 402
inhalative (vapours), LC50, Rat: > 4951 mg/L (4 h)
Method: OECD 403

Naphtha (petroleum), hydrotreated heavy
oral, LD50, Rat: > 5000 mg/kg
Method: OECD 401
dermal, LD50, Rabbit: > 2000 mg/kg

Fatty acids, C14-18 and C16-18-unsatd., maleated
oral, LD50, Rat: > 2000 mg/kg
Method: OECD 423

Skin corrosion/irritation; Serious eye damage/eye irritation

phthalic anhydride
Skin (4 h)
eyes

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
eyes

Respiratory or skin sensitisation

phthalic anhydride
Skin:
Respiratory system:

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
: ; Evaluation No sensitising effect known

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

May cause cancer.

butanone oxime
Carcinogenicity

2-ethylhexanoic acid, zirconium salt
Reproductive toxicity

STOT-single exposure; STOT-repeated exposure

May cause drowsiness or dizziness.

phthalic anhydride

Specific target organ toxicity (single exposure), Irritation

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Specific target organ toxicity (single exposure), drowsiness

Naphtha (petroleum), hydrotreated heavy
Specific target organ toxicity (single exposure)

Aspiration hazard

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Aspiration hazard

Hydrocarbons, C11-C12, isoalkanes, < 2% aromatics
Aspiration hazard

Naphtha (petroleum), hydrotreated heavy
Aspiration hazard

Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall assessment on CMR properties

EC No. CAS No.	Designation	Classification according to Regulation (EC) No 1272/2008 [CLP]
202-496-6 96-29-7	butanone oxime	Carc. 1B

11.2. **Information on other hazards**

Endocrine disrupting properties
No information available.

SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
There is no information available on the preparation itself .
Do not allow to enter into surface water or drains.

12.1. **Toxicity**

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Daphnia toxicity, EL50, Daphnia magna (Big water flea) 22 - 46 mg/L (48 h)
Algae toxicity, EL50, Pseudokirchneriella subcapitata: > 1000 mg/L (72 h)
Algae toxicity, NOELR, Pseudokirchneriella subcapitata: < 1 mg/L (72 h)
Fish toxicity, LL50, Oncorhynchus mykiss (Rainbow trout) 10 - 30 mg/L (96 h)

Naphtha (petroleum), hydrotreated heavy
Fish toxicity, LC50 (96 h)
Algae toxicity, EL50: > 1000 mg/L (72 h)
Method: OECD 201
Daphnia toxicity, EL50: > 1000 mg/L (48 h)
Method: OECD 202
Fish toxicity, CL50: > 100 mg/L (96 h)
Method: OECD 202

Fatty acids, C14-18 and C16-18-unsatd., maleated
Daphnia toxicity, EC50, Daphnia magna (Big water flea): > 100 mg/L (48 h); Evaluation semistatic
Method: OECD 202
Algae toxicity, ErC50, Pseudokirchneriella subcapitata: > 100 mg/L (72 h); Evaluation semistatic
Method: OECD 201
Fish toxicity, LC50, Leuciscus idus (golden orfe): > 150 mg/L (48 h)
Method: DIN 38412
Bacteria toxicity, EC50, Activated sludge: > 1000 mg/L (3 h); Evaluation static test
Method: OECD 209

Long-term Ecotoxicity

Harmful to aquatic life with long lasting effects.

12.2. **Persistence and degradability**

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
: 89 % (28 D)

12.3. **Bioaccumulative potential**

phthalic anhydride
Partition coefficient: n-octanol/water: 1,6

12.4. **Mobility in soil**

Toxicological data are not available.

12.5. **Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. **Endocrine disrupting properties**

No information available.

12.7. **Other adverse effects**

No information available.

SECTION 13: Disposal considerations

13.1. **Waste treatment methods**

Appropriate disposal / Product
Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080111* Waste paint and varnish containing organic solvents or other dangerous substances
*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Appropriate disposal / Package
Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. **UN number or ID number**

UN 1263

14.2. **UN proper shipping name**

Land transport (ADR/RID):	Paint
Sea transport (IMDG):	PAINT
Air transport (ICAO-TI / IATA-DGR):	Paint

14.3. **Transport hazard class(es)**

3

14.4. **Packing group** *

III

14.5. **Environmental hazards**

Land transport (ADR/RID)	not applicable
Marine pollutant	not applicable

14.6. **Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

Tunnel restriction code	D/E

Sea transport (IMDG)

EmS-No. F-E, S-E

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

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

EU legislation

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]
Category: P5c FLAMMABLE LIQUIDS
Quantity 1: 5000 t / Quantity 2: 50000 t

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]
VOC-value (in g/L) ISO 11890-2: 495
VOC-value (in g/L) ASTM D2369: 495

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds
VOC product category: (Cat. A/i) ; VOC limit value: 500 g/l
Maximum VOC content of the product in a ready to use condition (in g/L): 495

National regulations

Restrictions of occupation
Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Other information:

Switzerland:
Volatile organic compounds (VOC) content in percent by weight: 55

Denmark:
PR-No.: 2300243

MAL code (MAL code in mixture): 2-1

15.2. **Chemical Safety Assessment**
For the following substances of this mixture a chemical safety assessment has been carried out:

SECTION 16: Other information

Full text of classification in section 3

Skin Irrit. 3 / H316	Skin corrosion/irritation	Causes mild skin irritation.
STOT SE 3 / H336	STOT-single exposure	May cause drowsiness or dizziness.
Asp. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
Aquatic Acute 3 / H402	Hazardous to the aquatic environment	Harmful to aquatic organisms.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.
Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
Repr. 2 / H361	Reproductive toxicity	Suspected of damaging the unborn child.
Carc. 1B / H350	Carcinogenicity	May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Acute Tox. 4 / H312	Acute toxicity (dermal)	Harmful in contact with skin.
Acute Tox. 3 / H301	Acute toxicity (oral)	Toxic if swallowed.
STOT SE 1 / H370	STOT-single exposure	Causes damage to organs (or state all organs affected, if known) (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
STOT RE 2 / H373	STOT-repeated exposure	May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Skin Irrit. 2 / H315	Skin corrosion/irritation	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Skin Sens. 1 / H317	Respiratory or skin sensitisation	May cause an allergic skin reaction.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.

STOT SE 3 / H335	STOT-single exposure	May cause respiratory irritation.
Resp. Sens. 1 / H334	Respiratory or skin sensitisation	May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Classification procedure

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 3	Flammable liquids	On basis of test data.
Carc. 1B	Carcinogenicity	Calculation method.
STOT SE 3	STOT-single exposure	Calculation method.
Aquatic Chronic 3	Hazardous to the aquatic environment	Calculation method.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
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
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

Further information

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

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

* Data changed compared with the previous version