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

1.1 Product identifier

Trade name: Caramba 70

This safety data sheet pertains to the following products:
61003100 = Caramba 70 100ml
61003250 = Caramba 70 250 ml
61003300 = Caramba 70 250 ml + 50 ml
61003400 = Caramba 70 400 ml

UFI: C000-50SK-Q00C-UHJJ

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

General use: Lubricant

1.3 Details of the supplier of the safety data sheet

Company name: Caramba GmbH
Street/POB-No.: 35 01 20
Postal Code, city: 47032 Duisburg
Germany
WWW: www.caramba.de
E-mail: info@caramba.de
Telephone: +49 203 668815-0
Department responsible for information:
E-mail: sicherheitsdatenblatt@caramba.de

1.4 Emergency telephone number

National Poisons Information Centre (NPIC) of Ireland
Telephone: +353 1 8092566 (healthcare professionals)

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.
STOT SE 3; H336	May cause drowsiness or dizziness.
Asp. Tox. 1; H304	May be fatal if swallowed and enters airways.
(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.
	H336	May cause drowsiness or dizziness.
	EUH066	Repeated exposure may cause skin dryness or cracking.
Precautionary statements:		
	P101	If medical advice is needed, have product container or label at hand.
	P102	Keep out of reach of children.
	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.
	P271	Use only outdoors or in a well-ventilated area.
	P405	Store locked up.
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
	P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

Special labelling

Text for labelling:
Contains Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics
Labelling for contents according to regulation (EC) No 648/2004, annex VII:
Contains 30 % and more aliphatic hydrocarbons, perfumes.

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.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% (w/w) or higher.
The product contains no components classified as PBT or as vPvB at concentrations of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Hazardous ingredients:

Identifiers	Designation Classification	Content
REACH 01-2119471843-32-xxxx list no. 927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics Flam. Liq. 3; H226. STOT SE 3; H336. Asp. Tox. 1; H304. Aquatic Chronic 3; H412. (EUH066).	20 - < 25 %
REACH 01-2119457273-39-xxxx list no. 918-481-9 CAS 64742-48-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics Asp. Tox. 1; H304. (EUH066).	5 - < 10 %
REACH 01-2119485395-27-xxxx EC No. 200-857-2 CAS 75-28-5	Isobutane Flam. Gas 1; H220. Press. Gas (Liq.); H280.	>= 50 %
REACH 01-2119486944-21-xxxx EC No. 200-827-9 CAS 74-98-6	Propane Flam. Gas 1; H220. Press. Gas (Liq.); H280.	5 - < 10 %
REACH 01-2119474691-32-xxxx EC No. 203-448-7 CAS 106-97-8	Butane Flam. Gas 1; H220. Press. Gas (Liq.); H280.	1 - < 3 %

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

Additional information: Labelling for contents according to regulation (EC) No 648/2004, annex VII:
Contains 30 % and more aliphatic hydrocarbons, perfumes.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: First aider: Pay attention to self-protection! If medical advice is needed, have product container or label at hand.

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. Take off contaminated clothing and wash it before reuse. 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. In case of eye irritation consult an ophthalmologist.

After swallowing: Rinse mouth. Never give anything by mouth to an unconscious person. Observe risk of aspiration if vomiting occurs. Do NOT induce vomiting.
Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
Repeated exposure may cause skin dryness or cracking.
Inhaling can lead to irritations of the respiratory tract and mucous membrane.
Higher doses may lead to a narcotic effect.
Other symptoms: Skin irritation, headache, nausea, dizziness, fatigue.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Aspiration hazard: in case of swallowing or vomiting danger of penetration into the lungs.
Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Water spray jet, extinguishing powder, 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.
May form dangerous gases and vapours in case of fire.
Furthermore, there may develop: Aldehydes, carbon monoxide and carbon dioxide.

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 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 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.

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. Protect from frost.
Store containers in upright position.

Hints on joint storage: Do not store together with: Pyrophoric or self-heating substances, oxidizing agents.
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
75-28-5	Isobutane	Ireland: 15 minutes	1,000 ppm
106-97-8	Butane	Ireland: 8 hours	1,000 ppm

DNEL/DMEL: Information about Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (list no. 927-241-2):
DNEL, workers, inhalative, systemic, long-term:: 871 mg/m³
DNEL, workers, dermal, systemic, long-term: 77 mg/kg bw/d
DNEL, consumers, inhalative, systemic, long-term: 185 mg/m³
DNEL, consumers, dermal, systemic, long-term: 46 mg/kg bw/d
DNEL, consumers, oral, systemic, long-term: 46 mg/kg bw/d

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. In case of inadequate ventilation wear respiratory protection.
Use combination filter type A/P according to EN 14387.
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 I.S. EN ISO 374-1.
Glove material:
Nitrile rubber - Layer thickness: ≥ 0.45 mm
Breakthrough time: > 480 min
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Tightly sealed goggles according to I.S. EN ISO 16321-1.

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 spray.
Do not get in eyes, on skin, or on clothing.
When using do not eat or drink. Contaminated work clothing should not be allowed out of the workplace.
Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

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: Form: Aerosol

Colour: brown
(Data apply to the technically active substance.)

Odour: Sweetish (Data apply to the technically active substance.)

Melting point/freezing point:	Not determined
Boiling point or initial boiling point and boiling range:	-42 °C
Flammability:	Extremely flammable aerosol.
Lower and upper explosion limit:	LEL (Lower Explosion Limit): 0.50 Vol-% UEL (Upper Explosive Limit): 9.40 Vol-%
Flash point:	-80 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Kinematic viscosity:	<= 7 mm²/s (Data apply to the technically active substance.)
Water solubility:	Insoluble
Partition coefficient n-octanol/water (log value):	2.36 log P(o/w) (Propane) Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected. 2.8 log P(o/w) (Isobutane) Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected. 1.09 log P(o/w) (Butane) Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.
Vapour pressure:	Not determined
Density:	at 20 °C: 0.6297 g/mL (DIN 51757. Data apply to the technically active substance.)
Relative 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:	No data available
Evaporation rate:	Not determined

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

Pyrophoric or self-heating substances, oxidizing agents

10.6 Hazardous decomposition products

No known hazardous decomposition products.

Thermal decomposition: No data available

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.
ATEmix (calculated): > 2,000 mg/kg

Acute toxicity (dermal): Based on available data, the classification criteria are not met.
ATEmix (calculated): > 2,000 mg/kg

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
ATEmix (calculated, vapour): > 20 mg/L
ATEmix (calculated, dust/mist): > 5 mg/L

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

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.
No indications of human germ cell mutagenicity exist.

Carcinogenicity: Based on available data, the classification criteria are not met.
No indications of human carcinogenicity exist.

Reproductive toxicity: Based on available data, the classification criteria are not met.
No indications of human reproductive toxicity exist.

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: Asp. Tox. 1; H304 = May be fatal if swallowed and enters airways.

11.2 Information on other hazards

Endocrine disrupting properties:

None

Other information:

Information about Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (list no. 927-241-2):
LD50, Rat, oral: > 5,000 mg/kg
LD50, Rabbit, dermal: > 5,000 mg/kg
LC50, Rat, inhalative (vapour): > 4.951 mg/L/4h

Information about Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (list no. 918-481-9):
LD50, Rat, oral: > 15,000 mg/kg (OECD 401)
LD50, Rabbit, dermal: ≥ 3,160 mg/kg (OECD 402, read-across)
LC50, Rat, inhalative (vapour): ≥ 6.1 mg/L/4h (OECD 403, read-across)

Symptoms

Skin irritation, headache, nausea, dizziness, fatigue

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Information about Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (list no. 927-241-2):
Fish toxicity:
LL50 Oncorhynchus mykiss: >10 - < 30 mg/L/96h (OECD 203)
NOELR: 0.182 mg/L/28d
Daphnia toxicity:
EL50 Daphnia magna (Big water flea): > 22 - < 46 mg/L/48h (OECD 202)
NOELR: 0.317 mg/L/21d
Algae toxicity:
EL50 Pseudokirchneriella subcapitata (green algae), growth rate: > 1,000 mg/L/72h (OECD 201)
NOELR: < 1 mg/L/21d

Information about Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (list no. 918-481-9):
Fish toxicity:
LL50 Oncorhynchus mykiss: > 1,000 mg/L/96h
Daphnia toxicity:
EL50 Daphnia magna (Big water flea): > 100 mg/L/48h (read-across)
Algae toxicity:
EL50 Pseudokirchneriella subcapitata (green algae), growth rate: > 1,000 mg/L/96h

12.2 Persistence and degradability

Further details:

Biodegradability:
Information about Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics (list no. 927-241-2):
89%/28 d (OECD 301F). Readily biodegradable.

Information about Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics (list no. 918-481-9):
oxygen consumption: 68.8%/28 d (OECD 306, read-across). Readily biodegradable.

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

2.36 log P(o/w) (Propane)
Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.
2.8 log P(o/w) (Isobutane)
Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.
1.09 log P(o/w) (Butane)
Based on the n-octanol/water partition coefficient significant accumulation in organisms is not expected.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The product contains no components classified as PBT or as vPvB at concentrations of 0.1% or higher.

12.6 Endocrine disrupting properties

None

12.7 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

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 04 = Metallic packaging

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, IMDG, IATA-DGR:

UN 1950

14.2 UN proper shipping name

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

14.3 Transport hazard class(es)

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

14.4 Packing group

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

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: no

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board:	RID: Hazard identification 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

Sea transport (IMDG)

EmS:	F-D, S-U
Special Provisions:	63 190 277 327 344 381 959
Limited quantities:	1000 mL
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 - EC member states

Further regulations, limitations and legal requirements:

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

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

SECTION 16: Other information

Classification procedure: Physical hazards: on basis of test data
Health hazards, environmental hazards: calculation method

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

H220 = Extremely flammable gas.
H222 = Extremely flammable aerosol.
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.
H336 = May cause drowsiness or dizziness.
H412 = Harmful to aquatic life with long lasting effects.
EUH066 = Repeated exposure may cause skin dryness or cracking.

Date of first version: 28/7/2025

Department issuing data sheet:

see section 1: Department responsible for information

Abbreviations and acronyms:

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 Chronic: Hazardous to the aquatic environment - chronic
AS/NZS: Australian Standards/New Zealand Standards
Asp. Tox.: Aspiration toxicity
ATEmix: Acute Toxicity Estimate of mixture
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
EL50: Effective loading rate 50%
EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods
EN: European Standard
EQ: Excepted quantities
EU: European Union
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
IMDG Code: International Maritime Dangerous Goods Code
IMO: International Maritime Organization
LC50: Median lethal concentration
LD50: Lethal dose 50%
LEL: Lower Explosion Limit
log P(o/w): Partition coefficient: octanol/water
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
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
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
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.