

Grease Lubricant, Food Grade

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Revision date: 07/11/2014



SDSGLU

ENEU

Rev. A

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

1.1. Product identifier

Product form : Mixture
Product name : Grease Lubricant, Food Grade
Product code : 117773, 248280, 245913

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Lubricant for Graco Foam Guns

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Graco BVBA
Industrieterrein Ounde Bunders
Maasmechelen - Belgium
T +32 89 770 700 - F +32 89 770 777
reach@graco.com

1.4. Emergency telephone number

Emergency number : 1- 703-741-5970 (Chemtrec)
24 hours

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Irrit. 2 H315
Eye Irrit. 2 H319
Aquatic Acute 1 H400
Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R36
Xi; R38
N; R50/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

Hazard statements (CLP) :

H315 - Causes skin irritation
H319 - Causes serious eye irritation
H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

P264 - Wash ... thoroughly after handling
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+P352 - IF ON SKIN: Wash with plenty of water/...
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see ... on this label)

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
White mineral oil, petroleum	(CAS No) 8042-47-5 (EC no) 232-455-8	75 - 80	Xn; R65
Butene, homopolymer	(CAS No) 9003-29-6 (EC no) 500-004-7	5 - 10	Xi; R38
Zinc oxide, dust	(CAS No) 1314-13-2 (EC no) 215-222-5 (EC index no) 030-013-00-7	5 - 10	N; R50/53
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	(CAS No) 68411-46-1 (EC no) 270-128-1	<= 1	R52/53
Phosphorothioic acid, O,O,O-triphenyl ester	(CAS No) 597-82-0 (EC no) 209-909-9	<= 1	R53
Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	(CAS No) 80939-62-4 (EC no) 279-632-6	<= 1	Xi; R36/38 N; R51/53
Benzoic acid	(CAS No) 65-85-0 (EC no) 200-618-2 (EC index no) 607-705-00-8	<= 1	T; R48/23 Xi; R41 Xi; R38
Sodium Benzoate	(CAS No) 532-32-1 (EC no) 208-534-8	<= 1	Xi; R36

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
White mineral oil, petroleum	(CAS No) 8042-47-5 (EC no) 232-455-8	75 - 80	Asp. Tox. 1, H304
Butene, homopolymer	(CAS No) 9003-29-6 (EC no) 500-004-7	5 - 10	Skin Irrit. 2, H315 Asp. Tox. 1, H304
Zinc oxide, dust	(CAS No) 1314-13-2 (EC no) 215-222-5 (EC index no) 030-013-00-7	5 - 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	(CAS No) 68411-46-1 (EC no) 270-128-1	<= 1	STOT RE 2, H373 Aquatic Chronic 3, H412
Phosphorothioic acid, O,O,O-triphenyl ester	(CAS No) 597-82-0 (EC no) 209-909-9	<= 1	Aquatic Chronic 4, H413
Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	(CAS No) 80939-62-4 (EC no) 279-632-6	<= 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Benzoic acid	(CAS No) 65-85-0 (EC no) 200-618-2 (EC index no) 607-705-00-8	<= 1	Skin Irrit. 2, H315 Eye Dam. 1, H318
Sodium Benzoate	(CAS No) 532-32-1 (EC no) 208-534-8	<= 1	Eye Irrit. 2, H319

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.
- First-aid measures after skin contact : Wash contaminated clothing before reuse. Take off immediately all contaminated clothing. Wash with plenty of soap and water.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting unless directed to do so by medical personnel. Consult a doctor/medical service if you feel unwell.

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

- Symptoms/injuries after inhalation : May cause respiratory irritation.

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

Symptoms/injuries after ingestion : Diarrhea.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO₂), water, dry chemical powder.
Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not expected to be a fire/explosion hazard under normal conditions of use.
Explosion hazard : not explosive.
Hazardous decomposition products in case of fire : Toxic gases and fumes may be released in a fire.

5.3. Advice for firefighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Cool tanks/drums with water spray/remove them into safety.
Protective equipment for firefighters : In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing.
Emergency procedures : Eliminate all ignition sources if safe to do so. Evacuate personnel to a safe area.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing. In case of fire: Wear self-contained breathing apparatus.
Emergency procedures : Evacuate area. Ventilate affected area.

6.2. Environmental precautions

Avoid release to the environment. Relevant water authorities should be notified of any large spillage to water course or drain.

6.3. Methods and material for containment and cleaning up

For containment : Scrape up material.
Methods for cleaning up : Collect in closed containers for disposal. Use approved industrial vacuum cleaner for removal. Remove from the water surface (e.g. skimming, sucking).
Other information : Relevant water authorities should be notified of any large spillage to water course or drain.

6.4. Reference to other sections

For disposal of residues refer to section 13 : Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. Keep container closed when not in use. Avoid contact with the skin and the eyes. Ensure adequate ventilation.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Take care for general good hygiene and housekeeping.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store tightly closed in a dry, cool and well-ventilated place.
Incompatible products : Oxidizing agent.
Heat and ignition sources : Keep away from open flames, hot surfaces and sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

White mineral oil, petroleum (8042-47-5)		
Belgium	Limit value (mg/m ³)	5 mg/m ³
Belgium	Short time value (mg/m ³)	10 mg/m ³
Bulgaria	OEL TWA (mg/m ³)	5 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	5 mg/m ³

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

White mineral oil, petroleum (8042-47-5)		
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	10 mg/m ³
Denmark	Grænseværdie (langvarig) (mg/m ³)	1 mg/m ³
Finland	HTP-arvo (8h) (mg/m ³)	5 mg/m ³
Greece	OEL TWA (mg/m ³)	5 mg/m ³
Hungary	AK-érték	5 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	5 mg/m ³
Lithuania	IPRV (mg/m ³)	1 mg/m ³
Lithuania	TPRV (mg/m ³)	3 mg/m ³
Netherlands	Grenswaarde TGG 8H (mg/m ³)	5 mg/m ³
Poland	NDS (mg/m ³)	5 mg/m ³
Romania	OEL TWA (mg/m ³)	5 mg/m ³
Romania	OEL STEL (mg/m ³)	10 mg/m ³
Slovakia	NPHV (priemerná) (mg/m ³)	1 mg/m ³
Slovakia	NPHV (priemerná) (ppm)	5 ppm
Slovakia	NPHV (Hraničná) (mg/m ³)	3 mg/m ³
Slovakia	NPHV (Hraničná) (ppm)	15 ppm
Spain	VLA-ED (mg/m ³)	5 mg/m ³
Spain	VLA-EC (mg/m ³)	10 mg/m ³
Sweden	nivågränsvärde (NVG) (mg/m ³)	1 mg/m ³
Sweden	kortidsvärde (KTV) (mg/m ³)	3 mg/m ³
USA - ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
USA - ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
Zinc oxide, dust (1314-13-2)		
Belgium	Short time value (mg/m ³)	10 mg/m ³
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	5 mg/m ³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m ³)	10 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	2 mg/m ³
Czech Republic	Expoziční limity (NPK-P) (mg/m ³)	5 mg/m ³
Finland	HTP-arvo (8h) (mg/m ³)	2 mg/m ³
Finland	HTP-arvo (15 min)	10 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	5 mg/m ³
Ireland	OEL (15 min ref) (mg/m ³)	10 mg/m ³
Lithuania	IPRV (mg/m ³)	5 mg/m ³
Poland	NDS (mg/m ³)	5 mg/m ³
Poland	NDSch (mg/m ³)	10 mg/m ³
Portugal	OEL TWA (mg/m ³)	2 mg/m ³ (respirable fraction)
Portugal	OEL STEL (mg/m ³)	10 mg/m ³ (respirable fraction)
Slovakia	NPHV (priemerná) (mg/m ³)	1 mg/m ³
Slovakia	Upozornenie (SK)	krátkodobý kategória I. , respirabilná frakcia
Sweden	nivågränsvärde (NVG) (ppm)	5 ppm
Sweden	Anmärkning (SE)	total dust 1
United Kingdom	WEL TWA (mg/m ³)	5 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	10 mg/m ³
United Kingdom	Remark (WEL)	(fume)
Norway	Gjennomsnittsverdier (AN) (mg/m ³)	5 mg/m ³
Canada (Quebec)	VECD (mg/m ³)	10 mg/m ³
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³
Canada (Quebec)	Notations and remarks	Poussières
USA - ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³ respirable fraction
USA - ACGIH	ACGIH Ceiling (mg/m ³)	10 mg/m ³ respirable fraction

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

Zinc oxide, dust (1314-13-2)		
USA - NIOSH	NIOSH REL (TWA) (mg/m ³)	15 mg/m ³
USA - NIOSH	NIOSH REL (STEL) (mg/m ³)	10 mg/m ³
USA - OSHA	OSHA PEL (TWA) (mg/m ³)	5 mg/m ³ (respirable)
Benzoic acid (65-85-0)		
Latvia	OEL TWA (mg/m ³)	5 mg/m ³

8.2. Exposure controls

Appropriate engineering controls	: A washing facility/water for eye and skin cleaning purposes should be present.
Personal protective equipment	: Protective goggles. Gloves.
Hand protection	: Wear suitable gloves tested to EN374. Neoprene. NBR (Nitrile rubber).
Eye protection	: Safety glasses with side shields
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Semi-solid.
Colour	: white.
Odour	: Mineral-oil like.
Odour threshold	: No data available
pH	: ≈ 10 - 11
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 288 °C
Flash point	: 238 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: < 0,01
Relative vapour density at 20 °C	: Greater than air.
Relative density	: 0,96 g/cm ³
Solubility	: Water: negligible
Log Pow	: No data available
Viscosity, kinematic	: Viscosity expected to be > than 20cSt, since the product is in semi-solid form
Viscosity, dynamic	: No data available
Explosive properties	: not explosive.
Oxidising properties	: not oxidizing.
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon dioxide. Carbon monoxide. Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Grease Lubricant, Food Grade	
LD50 oral rat	300 - 2000 mg/kg
LD50 dermal rat	> 5000 mg/kg

White mineral oil, petroleum (8042-47-5)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> mg/kg

Zinc oxide, dust (1314-13-2)	
LD50 oral rat	> 5000 mg/kg

Benzoic acid (65-85-0)	
LD50 oral rat	1700 mg/kg
LC50 inhalation rat (mg/l)	> 26 mg/m ³ (Exposure time: 1 h)

Skin corrosion/irritation : Causes skin irritation.
(OECD 404)
pH: ≈ 10 - 11

Serious eye damage/irritation : Causes serious eye irritation.
OECD 405
pH: ≈ 10 - 11

Respiratory or skin sensitisation : Not classified. (Results based on a similar product)

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Grease Lubricant, Food Grade	
ErC50 (algae)	> 100 mg/l

White mineral oil, petroleum (8042-47-5)	
LC50 fish 2	> 100 mg/l 96 hours
ErC50 (algae)	> 100 mg/l 72 hours

Benzoic acid (65-85-0)	
EC50 Daphnia 1	860 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Sodium Benzoate (532-32-1)	
EC50 Daphnia 1	< 650 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

Grease Lubricant, Food Grade	
Persistence and degradability	Not readily biodegradable.

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

12.3. Bioaccumulative potential

White mineral oil, petroleum (8042-47-5)

Log Pow > 6

Benzoic acid (65-85-0)

Log Pow 1,93

Sodium Benzoate (532-32-1)

BCF fish 1 (no bioaccumulation)

Log Pow -2,27

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 3082
UN-No. (IMDG) : Not applicable
UN-No.(IATA) : Not applicable
UN-No.(ADN) : Not applicable
UN-No. (RID) : Not applicable

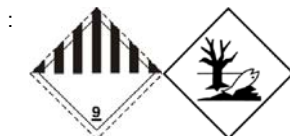
14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 9
Danger labels (ADR) : 9



IMDG

Transport hazard class(es) (IMDG) : Not applicable



IATA

Transport hazard class(es) (IATA) : Not applicable

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010



ADN

Transport hazard class(es) (ADN) : Not applicable



RID

Transport hazard class(es) (RID) : Not applicable



14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

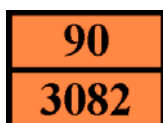
14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : M6
Special provisions (ADR) : 274, 335, 601
Limited quantities (ADR) : 5L
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP29
Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading and handling (ADR) : CV13
Hazard identification number (Kemler No.) : 90
Orange plates :



Tunnel restriction code (ADR) : E
EAC code : •3Z

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

14.6.2. Transport by sea

MFAG-No : 171

14.6.3. Air transport

14.6.4. Inland waterway transport

Not subject to ADN : No

14.6.5. Rail transport

Carriage prohibited (RID) : No

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
Grease Lubricant, Food Grade is not on the REACH Candidate List
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the Canadian DSL (Domestic Substances List)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Germany

Water hazard class (WGK) : 1 - low hazard to waters

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out
This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

SECTION 16: Other information

Other information : This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. It is the user's responsibility to take the mentioned precautionary measures and to ensure that this information is complete and sufficient for the use of this product. This SDS was prepared by Intertek. However, the information is provided without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. Users should make their own investigations to determine the suitability of the information or products for their particular purpose. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, Intertek does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.

Full text of R-, H- and EUH-phrases:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2

Grease Lubricant, Food Grade

Safety Data Sheet

*** DRAFT ***

according to Regulation (EC) No. 453/2010

H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
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
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R38	Irritating to skin
R41	Risk of serious damage to eyes
R48/23	Toxic: danger of serious damage to health by prolonged exposure through inhalation
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R53	May cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
N	Dangerous for the environment
T	Toxic
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product