

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830. Issue date: 30/01/2023 Version: 1.0

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

: Consumer use

1.1. Product identifier

Product form	:	Mixture
Product name	:	HG grease away
Product code	:	128 ART
Type of product	:	Detergent
Product group	:	Trade product

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

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1.2.1. Relevant identified uses

Intended for general public
Main use category
Use of the substance/mixture

1.2.2. Uses advised against

Restrictions on use

: All other uses not recommended above

Cleaners for kitchen areas

1.3. Details of the supplier of the safety data sheet

Manufacturer	Importer
HG International B.V.	HG UKI LTD
P.J. Oudweg 41	Weston Business Centre
NL– 1314 CJ Almere	Parsonage Road
The Netherlands	UK– CM22 6PU Takeley – Essex
T +31 (0)36 54 94 700	United Kingdom
<u>safety@hg.eu</u> - <u>www.hg.eu</u>	T +44 (0) 1206 822 744
	www.hg.eu

1.4. Emergency telephone number

Emergency number

: +31 (0)36 54 94 777 Only for medical personnel Mon-Fri 09:00 AM - 05:00 PM (CEST)

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 Full text of H- and EUH-statements: see section 16 H319

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

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2.2. Label elements

Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	GHS07
Signal word (CLP)	: Warning
Hazard statements (CLP)	: H319 - Causes serious eye irritation.
Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand.
	P102 - Keep out of reach of children.
	P264 - Wash hands thoroughly after handling.
	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Child-resistant fastening	Not applicable
5	: Not applicable

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1-methoxy-2-propanol; monopropylene glycol methyl ether substance with a Community workplace exposure limit	CAS-No.: 107-98-2 EC-No.: 203-539-1 EC Index-No.: 603-064-00-3 REACH-no: 01-2119457435- 35	≥7-<10	Flam. Liq. 3, H226 STOT SE 3, H336
Isotridecanol, ethoxylated	CAS-No.: 69011-36-5 EC-No.: 500-241-6	≥1-<2	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Diphenyl ether substance with a Community workplace exposure limit	CAS-No.: 101-84-8 EC-No.: 202-981-2 REACH-no: 01-2119472545- 33	≥ 0.001 – < 0.01	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Isotridecanol, ethoxylated		(1 ≤C < 10) Eye Irrit. 2, H319 (10 ≤C < 100) Eye Dam. 1, H318

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

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SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.	
First-aid measures after skin contact	: Wash skin with plenty of water.	
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects after eye contact	: Eye irritation.	

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	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2. Special hazards arising from the subst	tance or mixture
Fire hazard Hazardous decomposition products in case of fire	Intense heat may cause container to burst.Carbon dioxide. Carbon monoxide.
5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures			
6.1. Personal precautions, protective	equipment and emergency procedures		
6.1.1. For non-emergency personnel			
Emergency procedures	: Ventilate spillage area. Evacuate unnecessary personnel. Do not touch or walk on the spilled product. Avoid contact with skin and eyes. Do not breathe mist, spray, vapours.		
6.1.2. For emergency responders			
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".		
6.2. Environmental precautions			
Avoid release to the environment.			
6.3. Methods and material for contain	nment and cleaning up		
For containment	. Step look if onto to do no. Contain now only with dilute or choose to result the signation		

For containment	: Stop leak if safe to do so. Contain any spills with dikes or absorbents to prevent migration
	and entry into sewers or streams.
Methods for cleaning up	: Take up liquid spill into absorbent material.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including	any incompatibilities
Storage conditions Storage temperature Heat and ignition sources Special rules on packaging	 Keep cool. Protect from sunlight. Store in a well-ventilated place. Keep container tightly closed. > 0 - < 30 °C Keep away from heat and direct sunlight. Keep only in original container. Opened containers must be carefully closed and kept wright to surial lookage.
7.3. Specific end use(s)	upright to avoid leakage.

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	1-Methoxypropanol-2	
IOEL TWA	375 mg/m ³	
IOEL TWA [ppm]	100 ppm	
IOEL STEL	568 mg/m ³	
IOEL STEL [ppm]	150 ppm	
Remark	Skin	
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC	
United Kingdom - Occupational Exposure Limits		
Local name	1-Methoxypropan-2-ol	
WEL TWA (OEL TWA) [1]	375 mg/m ³	
WEL TWA (OEL TWA) [2]	100 ppm	
WEL STEL (OEL STEL)	560 mg/m³	
WEL STEL (OEL STEL) [ppm]	150 ppm	
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Diphenyl ether (101-84-8)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Diphenyl ether	
IOEL TWA	7 mg/m³	
IOEL TWA [ppm]	1 ppm	

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Diphenyl ether (101-84-8)		
IOEL STEL	14 mg/m ³	
IOEL STEL [ppm]	2 ppm	
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164	
United Kingdom - Occupational Exposure Limits	United Kingdom - Occupational Exposure Limits	
Local name	Diphenyl ether	
WEL TWA (OEL TWA) [1]	7 mg/m³	
WEL TWA (OEL TWA) [2]	1 ppm	
WEL STEL (OEL STEL)	14 mg/m ³	
WEL STEL (OEL STEL) [ppm]	2 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Safety glasses. Gloves. Protective clothing. Wear foot protection.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses with side shields

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses with side shields	Normal use conditions		EN 166

8.2.2.2. Skin protection

Skin and body protection:

Not required for normal conditions of use. If there is a risk of liquid being splashed : Long sleeved protective clothing. Chemical resistant safety shoes

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Skin and body protection	
Туре	Standard
Long sleeved protective clothing	
Chemical resistant safety shoes	EN ISO 20345
Use chemically protective clothing	EN 13034

Hand protection:

Protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Butyl rubber	6 (> 480 minutes)	0.5		EN ISO 374
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35		EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Respiratory protection			
Device	Filter type	Condition	Standard
Half-mask	FFA2P3	Mist formation, Vapour protection	EN 405
Dust mask	FFFP2	Dust protection	EN 149

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and	chemical properties
Physical state	: Liquid
Colour	: Colourless.
Odour	: Lemon-like odour.
Odour threshold	: No data available
рН	: 11 – 11.4
pH solution concentration	: 100 %
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable.
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: 1.002

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Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects		
Acute toxicity (dermal) : Acute toxicity (inhalation) :	Not classified (Conclusive but not sufficient for classification) Not classified (Conclusive but not sufficient for classification) Not classified (Conclusive but not sufficient for classification)	
1-methoxy-2-propanol; monopropylene glyco	i metnyi etner (107-96-2)	
LD50 oral	3739 mg/kg bodyweight	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal))	
LD50 dermal	> 2000 mg/kg bodyweight	
LC50 Inhalation - Rat (Dust/Mist)	> 26315 mg/l	
Isotridecanol, ethoxylated (69011-36-5)		
LD50 oral	> 2000 mg/kg bodyweight	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LD50 dermal rabbit	≈ 5960 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other:	
Diphenyl ether (101-84-8)		
LD50 oral rat	2830 mg/kg Source: ECHA	

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Skin corrosion/irritation	: Not classified (Conclusive but not sufficient for classification) pH: 11 – 11.4		
Serious eye damage/irritation	 Causes serious eye irritation. pH: 11 – 11.4 		
Respiratory or skin sensitisation	: Not classified (Conclusive but not sufficient for classification)		
Germ cell mutagenicity	: Not classified (Conclusive but not sufficient for classification)		
Carcinogenicity	: Not classified (Conclusive but not sufficient for classification)		
Reproductive toxicity	: Not classified (Conclusive but not sufficient for classification)		
STOT-single exposure	: Not classified (Conclusive but not sufficient for classification)		
1-methoxy-2-propanol; monopropyle	ene glycol methyl ether (107-98-2)		
STOT-single exposure	May cause drowsiness or dizziness.		
STOT-repeated exposure	: Not classified (Conclusive but not sufficient for classification)		
1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)			
LOAEL (oral, rat, 90 days)	2757 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)		
NOAEL (oral, rat, 90 days)	919 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)		
NOAEL (dermal, rat/rabbit, 90 days)	> 1000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)		
Isotridecanol, ethoxylated (69011-36	;-5)		
NOAEL (oral, rat, 90 days)	≥ 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90- Day Oral Toxicity Study in Rodents)		
Diphenyl ether (101-84-8)			
NOAEL (dermal, rat/rabbit, 90 days)	1000 mg/kg bodyweight Animal: rat		
Aspiration hazard	: Not classified (Conclusive but not sufficient for classification)		
1-methoxy-2-propanol; monopropyle	ene glycol methyl ether (107-98-2)		
Viscosity, kinematic	1.848 mm²/s		

SECTION 12: Ecological information

12.1. Toxicity

effects in the environment. Hazardous to the aquatic environment, short-term : Not classified (Conclusive but not sufficient for classification) (acute) Hazardous to the aquatic environment, long-term : Not classified (Conclusive but not sufficient for classification) (chronic) 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) LC50 - Fish [1] > 4600 mg/l EC50 - Other aquatic organisms [1] 2954 mg/l Test organisms (species): other aquatic crustacea: EC50 - Other aquatic organisms [2] > 500 mg/l Isotridecanol, ethoxylated (69011-36-5) LC50 - Fish [1] LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna		
(acute) Hazardous to the aquatic environment, long-term : Not classified (Conclusive but not sufficient for classification) (chronic) 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) LC50 - Fish [1] > 4600 mg/l EC50 - Other aquatic organisms [1] 2954 mg/l Test organisms (species): other aquatic crustacea: EC50 - Other aquatic organisms [2] > 500 mg/l Isotridecanol, ethoxylated (69011-36-5) Isotridecanol, ethoxylated (69011-36-5) LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna	<i></i>	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
(chronic) 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) LC50 - Fish [1] > 4600 mg/l EC50 - Other aquatic organisms [1] 2954 mg/l Test organisms (species): other aquatic crustacea: EC50 - Other aquatic organisms [2] > 500 mg/l Isotridecanol, ethoxylated (69011-36-5) > 1 mg/l LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna	•	Not classified (Conclusive but not sufficient for classification)
LC50 - Fish [1] > 4600 mg/l EC50 - Other aquatic organisms [1] 2954 mg/l Test organisms (species): other aquatic crustacea: EC50 - Other aquatic organisms [2] > 500 mg/l Isotridecanol, ethoxylated (69011-36-5) > 1 mg/l LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna		Not classified (Conclusive but not sufficient for classification)
EC50 - Other aquatic organisms [1] 2954 mg/l Test organisms (species): other aquatic crustacea: EC50 - Other aquatic organisms [2] > 500 mg/l Isotridecanol, ethoxylated (69011-36-5) > 1 mg/l LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna	1-methoxy-2-propanol; monopropylene glycol	methyl ether (107-98-2)
EC50 - Other aquatic organisms [2] > 500 mg/l Isotridecanol, ethoxylated (69011-36-5) LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna	LC50 - Fish [1]	> 4600 mg/l
Isotridecanol, ethoxylated (69011-36-5) LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna	EC50 - Other aquatic organisms [1]	2954 mg/l Test organisms (species): other aquatic crustacea:
LC50 - Fish [1] > 1 mg/l EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna	EC50 - Other aquatic organisms [2]	> 500 mg/l
EC50 - Crustacea [1] 1.5 mg/l Test organisms (species): Daphnia magna	Isotridecanol, ethoxylated (69011-36-5)	
	LC50 - Fish [1]	> 1 mg/l
	EC50 - Crustacea [1]	1.5 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [1] > 1 mg/l waterflea	EC50 - Other aquatic organisms [1]	> 1 mg/l waterflea
EC50 96h - Algae [1] 11.5 mg/l Source: EPISUITE v4.1	EC50 96h - Algae [1]	11.5 mg/l Source: EPISUITE v4.1

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Diphenyl ether (101-84-8)		
LC50 - Fish [1]	> 0.1 – ≤ 1 mg/l	
EC50 - Crustacea [1]	1.96 mg/l Test organisms (species): Daphnia magna	
ErC50 algae	0.455 mg/l Source: ECHA	
12.2. Persistence and degradability		
HG grease away		
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.	
12.3. Bioaccumulative potential		
HG grease away		
Bioaccumulative potential	Low bioaccumulation potential.	
1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)		
Partition coefficient n-octanol/water (Log Pow) -0.49		
Diphenyl ether (101-84-8)		
Partition coefficient n-octanol/water (Log Pow) 4.21 Source: ECHA		
12.4. Mobility in soil		
HG grease away		
Ecology - soil	Expected to be highly mobile in soil.	
Isotridecanol, ethoxylated (69011-36-5)		
Mobility in soil	111.3 Source: EPISUITE v4.1	
12.5. Results of PBT and vPvB assessment		
HG grease away		
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII		
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII		
12.6. Other adverse effects		

No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Regional legislation (waste) Waste treatment methods Product/Packaging disposal recommendations	 Dispose of in accordance with relevant local regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions. Empty containers retain product residue and can be hazardous. Do not dispose of the packaging without first carrying out the necessary cleaning. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances 20 01 39 - plastics

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HP Code

: HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN	RID
4.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shippir	ng name			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard	class(es)			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			·	
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental ha	zards			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea Not regulated

Air transport Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol 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

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Detergent Regulation (648/2004)

Allergenic fragrances > 0.01 %: LIMONENE

Labelling of contents	
Component	%
non-ionic surfactants	<5%
perfumes	
LIMONENE	

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other 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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
ΙΑΤΑ	International Air Transport Association
IMDG	International Maritime Dangerous Goods

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Abbreviations and acronyms:	
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
РВТ	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Training advice

Other information

: Normal use of this product shall imply use in accordance with the instructions on the packaging. Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. 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.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H318	Causes serious eye damage.

Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law, and based on EU 2015/830.

Full text of H- and EUH-statements:	
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

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.