

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 12/01/2016 Revision date: 12/04/2022 Supersedes version of: 03/10/2018 Version: 1.2

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

1.1. Product identifier

Product form	: Mixture
Name	: Food Grease
UFI	: YPTS-KP7C-G40D-0WWK
Product code	: 316
Vaporizer	: Aerosol
Article number	: 31632

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

BARDAHL NL - OCD NEDERLAND BV Maxwellstraat 41 3316 GP Dordrecht Nederland T 0031 78 651 2322 - F 0031 78 617 4848 mjkooijman@bardahl.nl - www.bardahl.nl

1.4. Emergency telephone number

Emergency number

: +31 (0) 6 54924171 During office hours: 8.30 t/m 17:00 h

Country	Official advisory body	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1	H222;H229
Skin corrosion/irritation, Category 2	H315
Hazardous to the aquatic environment – Chronic Hazard,	H412
Category 3	
Full text of H- and EUH-statements: see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2.2. Label elements

Labelling according to Regulation (EC) N	lo. 1272/2008 [CLP]
Hazard pictograms (CLP)	
	GHS02 GHS07
Signal word (CLP)	: Danger
Contains	: Koolwaterstoffen, C6-C7, n-alkanen, iso-alkanen, cycloalkanen, <5% n-hexaan
Hazard statements (CLP)	: H222 - Extremely flammable aerosol.
	H229 - Pressurised container: May burst if heated.
	H315 - Causes skin irritation.
	H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P102 - Keep out of reach of children.
	P260 - Do not breathe gas, spray.
	P271 - Use only outdoors or in a well-ventilated area.
	P273 - Avoid release to the environment.
	P280 - Wear protective gloves.
	P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	P501 - Dispose of contents and container to in accordance with local regulations
	P211 - Do not spray on an open flame or other ignition source.
	P251 - Pressurized container: Do not pierce or burn, even after use.
	P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
	P302+P352 - IF ON SKIN: Wash with plenty of water.
	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Extra phrases	: Use according to instructions and specifically for this purpose.
2.3. Other hazards	

Contains no PBT/vPvB substances $\ge 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Butane (Note U)(Note C)	CAS-No.: 106-97-8 EC-No.: 203-448-7 REACH-no: 01-2119474691- 32	25 – 50	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
Koolwaterstoffen, C6-C7, n-alkanen, iso-alkanen, cycloalkanen, <5% n-hexaan	EC-No.: 921-024-6 REACH-no: 01-2119475514- 35	10 – 25	Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2,6-di-tert-butyl-p-cresol	CAS-No.: 128-37-0 EC-No.: 204-881-4 REACH-no: 01-2119565113- 46	< 1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note U: When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:. Press. Gas (Comp.), Press. Gas (Liq.), Press. Gas (Ref. Liq.), Press. Gas (Diss.). Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case. Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Take off contaminated clothing and wash it before reuse. Wash skin with plenty of water.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.
4.2. Most important symptoms and effects	, both acute and delayed
Symptoms/effects after skin contact	: Causes skin 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 Unsuitable extinguishing media	Carbon dioxide. Dry powder. Water spray. Foam.Do not use a heavy water stream.		
5.2. Special hazards arising from the subs	tance or mixture		
Explosion hazard Hazardous decomposition products in case of fire	 Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Incomplete combustion will generate poisonous carbon monoxide, carbon dioxide and other toxic gases. 		
5.3. Advice for firefighters			
Firefighting instructions Protection during firefighting Other information	 Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Prevent liquid from entering sewers, watercourses, underground or low areas. 		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

according to the REACH Regulation (EC) 1907/2006	amended by Regulation (EU) 2020/878			
SECTION 6: Accidental release me	easures			
6.1. Personal precautions, protective equipment and emergency procedures				
General measures	: Evacuate area. Eliminate every possible source of ignition. Ensure adequate ventilation, especially in confined areas. Keep public away from danger area. Equip cleanup crew with proper protection.			
6.1.1. For non-emergency personnel				
No additional information available				
6.1.2. For emergency responders				
No additional information available				
6.2. Environmental precautions				
Dike for recovery or absorb with appropriate m waters.	naterial. Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public			
6.3. Methods and material for contain	ment and cleaning up			
For containment Methods for cleaning up	 Recover the product with absorbent material. Clean up any spills as soon as possible, using an absorbent material to collect it. Waste mixtures containing propane/butane may not enter into drains or sewers where vapours could accumulate and ignite. 			
6.4. Reference to other sections				
For further information refer to section 8: "Exp "Disposal considerations".	osure controls/personal protection". For disposal of solid materials or residues refer to section 13 :			
SECTION 7: Handling and storage				
7.1. Precautions for safe handling				
Precautions for safe handling Hygiene measures	 Do not eat and do not drink during use. Provide good ventilation in process area to prevent formation of vapour. For further information refer to section 8: "Exposure controls/personal protection". Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash hands and other exposed areas with mild soap and water before eating, drinking or 			
	smoking and when leaving work. Wash contaminated clothing before reuse.			
7.2. Conditions for safe storage, inclu-	ding any incompatibilities			
Technical measures	: Provide local exhaust or general room ventilation.			
Storage conditions Heat and ignition sources	: Keep out of frost. : Keep away from naked flames/heat. Keep away from ignition sources. Do not expose to			
	temperatures exceeding 50 °C/ 122 °F.			
Information on mixed storage	 Keep away from food, drink and animal feeding stuffs. Store in a well-ventilated place. Store in a dry place. 			
Storage area Special rules on packaging	: Keep only in original container.			

No additional information available

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

2,6-di-tert-butyl-p-cresol (128-37-0)		
United Kingdom - Occupational Exposure Limits		
Local name	2,6-di-tert-butyl-p-cresol	
WEL TWA (OEL TWA) [1]	10 mg/m³	
WEL STEL (OEL STEL)	30 mg/m ³	
Regulatory reference	EH40/2005 (Third edition, 2018). 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

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Dust/aerosol mask with filter type P1. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection			
Туре	Field of application	Characteristics	Standard
Safety glasses			EN 166

8.2.2.2. Skin protection

Skin and body protection	
Туре	Standard
Wear suitable protective clothing	EN 14605

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Safety gloves	Nitrile rubber (NBR), Polyvinylalcohol (PVA)				EN ISO 374

8.2.2.3. Respiratory protection

Respiratory protection:

Good ventilation of the workplace required. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Respiratory protection				
Device	Filter type	Condition	Standard	
Mask	Filter AX (brown), Type P1		EN 143	

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke when using this product. Good ventilation of the workplace required.

9.1. Information on basic physical and ch	emical properties	
Physical state	: Liquid	
Colour	: Not available	
Odour	: Not available	
Odour threshold	Not available	
Melting point	: Not available	
Freezing point	: Not available	
Boiling point	: 65 °C	
Flammability	: Not available	
Lower explosion limit	: Not available	
Upper explosion limit	: Not available	
Flash point	: Not applicable	
Auto-ignition temperature	: 200 ℃ · 200 ℃	
Decomposition temperature	: 200 °C : Not available	
pH	: Not available : Not available	
Viscosity, kinematic	: Not available	
Solubility Partition coefficient n-octanol/water (Log Kow)	: Not available	
Vapour pressure	\therefore 1.1 bar	
Vapour pressure at 50°C	: Not available	
Density		
Relative density	: Not available	
Relative vapour density at 20°C	: Not available	
Particle characteristics	: Not applicable	
9.2. Other information	· · · · · · · · · · · · · · · · · · ·	
	rd alagaaaa	
9.2.1. Information with regard to physical haza		
% of flammable ingredients	: 37.5 %	
9.2.2. Other safety characteristics		
No additional information available		

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions. Contains gas under pressure; may explode if heated.

10.3. Possibility of hazardous reactions

Not established.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

10.4. Conditions to avoid	
Heat. Open flame. Sparks. Water, humidity. Freezing.	
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition products	
Incomplete combustion releases dangerous carbon mo	noxide, carbon dioxide and other toxic gases.
SECTION 11: Toxicological information	
11.1. Information on hazard classes as define	d in Regulation (EC) No 1272/2008
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Not classified Not classified Not classified
Butane (106-97-8)	
LC50 Inhalation - Rat	658 mg/l/4h
Koolwaterstoffen, C6-C7, n-alkanen, iso-alka	nen, cycloalkanen, <5% n-hexaan
LD50 oral rat	> 5840 mg/kg
LD50 dermal rat	> 2920 mg/kg
LC50 Inhalation - Rat	< 25.2 mg/l/4h
2,6-di-tert-butyl-p-cresol (128-37-0)	
LD50 oral rat	> 2930 mg/kg (OECD 401)
LD50 dermal rat	> 2000 mg/kg (OECD 402)
Skin corrosion/irritation :	Causes skin irritation.
Serious eye damage/irritation :	Not classified
Respiratory or skin sensitisation :	Not classified
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
- 5 1	Not classified
Koolwaterstoffen, C6-C7, n-alkanen, iso-alka	nen, cycloalkanen, <5% n-hexaan
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure :	Not classified
Aspiration hazard :	Not classified
Food Grease	

11.2. Information on other hazards

No additional information available

Vaporizer

SECTION 12: Ecological information	
12.1. Toxicity	
Ecology - general Hazardous to the aquatic environment, short-term (acute)	Harmful to aquatic life with long lasting effects.Not classified

Aerosol

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Butane (106-97-8)	
LC50 - Fish [1]	680 mg/l
Koolwaterstoffen, C6-C7, n-alkanen, iso-al	kanen, cycloalkanen, <5% n-hexaan
LC50 - Other aquatic organisms [1]	11.4 mg/l
EC50 - Crustacea [1]	3 mg/l
EC50 72h - Algae [1]	30 – 100 mg/l
LOEC (chronic)	0.32 mg/l
NOEC (chronic)	0.17 mg/l
2,6-di-tert-butyl-p-cresol (128-37-0)	
LC50 - Fish [1]	> 0.57
EC50 - Crustacea [1]	0.61 mg/l
EC50 72h - Algae [1]	6 mg/l
12.2. Persistence and degradability Butane (106-97-8)	
	Readily biodegradable.
Butane (106-97-8)	Readily biodegradable.
Butane (106-97-8) Persistence and degradability	Readily biodegradable.
Butane (106-97-8) Persistence and degradability 12.3. Bioaccumulative potential	Readily biodegradable.
Butane (106-97-8) Persistence and degradability 12.3. Bioaccumulative potential 2,6-di-tert-butyl-p-cresol (128-37-0)	
Butane (106-97-8) Persistence and degradability 12.3. Bioaccumulative potential 2,6-di-tert-butyl-p-cresol (128-37-0) Partition coefficient n-octanol/water (Log Pow)	
Butane (106-97-8) Persistence and degradability 12.3. Bioaccumulative potential 2,6-di-tert-butyl-p-cresol (128-37-0) Partition coefficient n-octanol/water (Log Pow) 12.4. Mobility in soil	
Butane (106-97-8) Persistence and degradability 12.3. Bioaccumulative potential 2,6-di-tert-butyl-p-cresol (128-37-0) Partition coefficient n-octanol/water (Log Pow) 12.4. Mobility in soil Butane (106-97-8)	5.1 If released into the environment, the product will rapidly disperse into the atmosphere where it will undergo photochemical degradation.
Butane (106-97-8) Persistence and degradability 12.3. Bioaccumulative potential 2,6-di-tert-butyl-p-cresol (128-37-0) Partition coefficient n-octanol/water (Log Pow) 12.4. Mobility in soil Butane (106-97-8) Ecology - soil	5.1 If released into the environment, the product will rapidly disperse into the atmosphere where it will undergo photochemical degradation.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations				
13.1. Waste treatment methods				
Waste treatment methods	: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.			
Sewage disposal recommendations	: Do not discharge into drains or the environment.			
Product/Packaging disposal recommendations	 Collect all waste in suitable and labelled containers and dispose according to local legislation. Dispose used or damaged aerosol cans at permitted disposal sites. 			
Additional information	: Empty the packaging completely prior to disposal. Do not re-use empty containers.			
Ecology - waste materials	: Do not discharge the product into the environment.			

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

European List of Waste (LoW) code

: 14 06 00 - waste organic solvents, refrigerants and foam/aerosol propellants

UN 1950 I4.2. UN proper shipping na AEROSOLS Transport document description UN 1950 AEROSOLS (Butane), 2.1, (D)	UN 1950 AEROSOLS In JN 1950 AEROSOLS (Butane), 2.1	LATA UN 1950 Aerosols, flammable UN 1950 Aerosols, flammable (Butane), 2.1	ADN UN 1950 AEROSOLS UN 1950 AEROSOLS (Butane), 2.1	RID UN 1950 AEROSOLS UN 1950 AEROSOLS (Butane), 2.1
14.2. UN proper shipping na AEROSOLS Transport document description UN 1950 AEROSOLS (Butane), 2.1, (D) 14.3. Transport hazard class	UN 1950 AEROSOLS on JN 1950 AEROSOLS (Butane), 2.1 s(es)	Aerosols, flammable UN 1950 Aerosols, flammable (Butane), 2.1	AEROSOLS UN 1950 AEROSOLS (Butane), 2.1	AEROSOLS UN 1950 AEROSOLS (Butane), 2.1
14.2. UN proper shipping na AEROSOLS Transport document description UN 1950 AEROSOLS (Butane), 2.1, (D) 14.3. Transport hazard class	AEROSOLS on JN 1950 AEROSOLS (Butane), 2.1 s(es)	Aerosols, flammable UN 1950 Aerosols, flammable (Butane), 2.1	AEROSOLS UN 1950 AEROSOLS (Butane), 2.1	AEROSOLS UN 1950 AEROSOLS (Butane), 2.1
AEROSOLS Transport document description UN 1950 AEROSOLS (Butane), 2.1, (D) 14.3. Transport hazard class	AEROSOLS n JN 1950 AEROSOLS (Butane), 2.1 s(es)	UN 1950 Aerosols, flammable (Butane), 2.1	UN 1950 AEROSOLS (Butane), 2.1	UN 1950 AEROSOLS (Butane), 2.1
Transport document description UN 1950 AEROSOLS (Butane), 2.1, (D) 14.3. Transport hazard class	JN 1950 AEROSOLS (Butane), 2.1 s(es)	UN 1950 Aerosols, flammable (Butane), 2.1	UN 1950 AEROSOLS (Butane), 2.1	UN 1950 AEROSOLS (Butane), 2.1
UN 1950 AEROSOLS (Butane), 2.1, (D) 14.3. Transport hazard class	JN 1950 AEROSOLS (Butane), 2.1 s(es)	flammable (Butane), 2.1	(Butane), 2.1	(Butane), 2.1
(Butane), 2.1, (D) 14.3. Transport hazard class	(Butane), 2.1 s(es)	flammable (Butane), 2.1	(Butane), 2.1	(Butane), 2.1
14.3. Transport hazard class	s(es)			
-		2 1	0.4	·
2.1	2.1	21	0.1	
		2.1	2.1	2.1
2				
14.4. Packing group				1
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards	s			
Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the	Dangerous for the
environment: No	environment: No Marine pollutant: No	environment: No	environment: No	environment: No

14.6. Special precautions for user

Overland transport		
Classification code (ADR)	:	5F
Special provisions (ADR)	:	190, 327, 344, 625
Limited quantities (ADR)	:	11
Excepted quantities (ADR)	:	E0
Packing instructions (ADR)	:	P207, LP02
Special packing provisions (ADR)	:	PP87, RR6, L2
Mixed packing provisions (ADR)	:	MP9
Transport category (ADR)	:	2
Special provisions for carriage - Packages (ADR)	:	V14
Special provisions for carriage - Loading, unloading	:	CV9, CV12
and handling (ADR)		
Special provisions for carriage - Operation (ADR)	:	S2
Tunnel restriction code (ADR)	:	D
Transport by sea		
Special provisions (IMDG)	:	63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	:	SP277
Excepted quantities (IMDG)	:	E0
Packing instructions (IMDG)	:	P207, LP02
Special packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D

Stowage category (IMDG)

EmS-No. (Spillage)

: S-U : None

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

3 - 3 (-)	, , , , , , , , , , , , , , , , , , , ,
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69
Air transport	
PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
RG code (IATA)	: 10L
nland waterway transport	
Classification code (ADN)	: 5F
Special provisions (ADN)	: 190, 327, 344, 625
imited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
/entilation (ADN)	: VE01, VE04
Jumber of blue cones/lights (ADN)	: 1
iumber of blue coneshights (ADN)	
Rail transport	
Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
imited quantities (RID)	: 1L
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P207, LP02
Special packing provisions (RID)	: PP87, RR6, L2
lixed packing provisions (RID)	: MP9
ransport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading and handling (RID)	: CW9, CW12
Colis express (express parcels) (RID)	: CE2

14.7. Maritime transport in bulk according to IMO instruments

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

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)

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

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)

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 additional information available

SECTION 16: Other information

Indication of changes				
Section	Changed item	Change	Comments	
	Extra phrases	Added		
2.2	Precautionary statements (CLP)	Modified		
4.1	First-aid measures after ingestion	Modified		
4.1	First-aid measures after eye contact	Modified		
4.1	First-aid measures after skin contact	Modified		
4.1	First-aid measures after inhalation	Modified		
5.1	Suitable extinguishing media	Modified		
5.3	Other information	Modified		
5.3	Firefighting instructions	Modified		
6.1	General measures	Modified		
6.2	Environmental precautions	Modified		
6.3	For containment	Added		
6.3	Methods for cleaning up	Modified		
6.4	Reference to other sections (8, 13)	Modified		
7.1	Hygiene measures	Modified		
7.1	Precautions for safe handling	Modified		
7.2	Storage area	Added		
7.2	Prohibitions on mixed storage	Added		
7.2	Special rules on packaging	Added		
7.2	Heat and ignition sources	Added		
7.2	Storage conditions	Modified		
7.2	Technical measures	Modified		
8.2	Personal protective equipment	Modified		
8.2	Respiratory protection	Modified		
9.1	Vapour pressure	Added		
10.2	Chemical stability	Modified		

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Indication of changes				
Section	Changed item	Change	Comments	
10.4	Conditions to avoid	Modified		
10.6	Hazardous decomposition products	Modified		
13.1	Waste treatment methods	Added		
13.1	Sewage disposal recommendations	Added		
13.1	Additional information	Added		
13.1	Ecology - waste materials	Modified		
13.1	Waste disposal recommendations	Modified		

Abbreviations and acronyms:

Abbreviations and acronyms: RID: Regulations Concerning the International Transport of Dangerous Goods by Rail ICAO: International Civil Aviation Organization ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent

Full text of H- and EUH-statements:	
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
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Gas 1A	Flammable gases, Category 1A
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
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.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
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.
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

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.