



SAFETY DATA SHEET

OMNICIDE FG

Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the	ne substance/mixture and of the company/undertaking
1.1. Product identifier	
Product name	OMNICIDE FG
Internal identification	OMNICIDE FG
Container size	5L, 25L, 200L
1.2. Relevant identified uses o	f the substance or mixture and uses advised against
Identified uses	Detergent. Disinfectant concentrate.
Uses advised against	Use only for intended applications. For professional users only.
1.3. Details of the supplier of the	he safety data sheet
Supplier	COVENTRY CHEMICALS LTD WOODHAMS RD SISKIN DRIVE COVENTRY CV3 4FX Tel: +44 (0) 02476639739 Fax: +44 (0) 02476639717 Email: sales@coventrychemicals.com
Contact person	For content of safety data sheet:, sds@coventrychemicals.com
1.4. Emergency telephone nur	nber
Emergency telephone	+44 (0) 1865407333 (Strictly for emergencies only: incidents involving damage to human health and/or the environment)
National emergency telephone number	In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24
SECTION 2: Hazards identification	ation
2.1. Classification of the subst	ance or mixture
Classification (EC 1272/2008)	
Physical hazards	Not Classified
Health hazards	Acute Tox. 4 - H302 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 STOT SE 3 - H335
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412
2.2. Label elements	
Pictogram	

Signal word	Danger
Hazard statements	 H302 Harmful if swallowed. H331 Toxic if inhaled. H314 Causes severe skin burns and eye damage. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	 P260 Do not breathe vapour/ spray. P280 Wear protective clothing, gloves, eye and face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P501 Dispose of contents/ container in accordance with local regulations.
Contains	GLUTARALDEHYDE, QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-18- ALKYLDIMETHYL, CHLORIDES
Detergent labelling	15 - < 30% disinfectants
Supplementary precautionary statements	 P261 Avoid breathing vapour/ spray. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P284 [In case of inadequate ventilation] wear respiratory protection. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label). P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P303 Wash contaminated clothing before reuse. P301 Collect spillage. P308+P313 IF exposed or concerned: Get medical advice/ attention. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

GLUTARALDEHYDE		10-30
CAS number: 111-30-8	EC number: 203-856-5	REACH registration number: 01- 2119455549-26-XXXX
M factor (Acute) = 1		
Classification	Classificati	ion (67/548/EEC or 1999/45/EC)
Acute Tox. 3 - H301	T;R23/25 (C;R34 R42/43 N;R50
Acute Tox. 2 - H330		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		
Resp. Sens. 1 - H334		
Skin Sens. 1 - H317		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		
Aquatic Chronic 2 - H411		
QUATERNARY AMMONIUM CO	MPOUNDS BENZYL-C12-	5-10
18-ALKYLDIMETHYL, CHLORID		
CAS number: 68391-01-5	EC number: 269-919-4	
M factor (Acute) = 10		
Classification	Classificati	ion (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302		R21/22 N;R50
Acute Tox. 4 - H312		
Skin Corr. 1B - H314		
Eye Dam. 1 - H318		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	For personal protection, see Section 8. Get medical attention immediately. Rinse immediately with plenty of water. Provide eyewash station and safety shower. Show this Safety Data Sheet to the medical personnel.
Inhalation	Remove affected person from source of contamination. Keep affected person warm and at rest. Get medical attention if symptoms are severe or persist. Show this Safety Data Sheet to the medical personnel.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove person to fresh air and keep comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove affected person from source of contamination. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

The symptome	and enects, both acute and delayed
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Chemical burns must be treated by a physician. Get medical attention immediately.
Inhalation	The product contains a sensitising substance. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Severe irritation of nose and throat. Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	This product is strongly corrosive. May be harmful if swallowed and enters airways. Small amounts may cause serious damage. Overexposure may cause the following adverse effects: Nausea, vomiting. Diarrhoea. Headache. Drowsiness, dizziness, disorientation, vertigo. Intoxication.
Skin contact	May be harmful in contact with skin. May cause serious chemical burns to the skin.
Eye contact	This product is strongly irritating. May cause blurred vision and serious eye damage. May cause serious eye damage. Redness. Irritation. Corneal damage.
4.3. Indication of any immedia	te medical attention and special treatment needed
Notes for the doctor	Treat symptomatically. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
SECTION 5: Firefighting meas	sures
5.1. Extinguishing media	
Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Use foam, carbon dioxide, dry powder or water fog to extinguish.
5.2. Special hazards arising fr	om the substance or mixture
Specific hazards	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon monoxide (CO). Carbon dioxide (CO2). In case of fire and/or explosion do not breathe fumes.
Hazardous combustion products	Oxides of carbon. Oxides of nitrogen.
5.3. Advice for firefighters	
Protective actions during firefighting	Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
SECTION 6: Accidental release	e measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Ensure procedures and training for emergency decontamination and disposal are in place. No action shall be taken without appropriate training or involving any personal risk. Wear protective clothing as described in Section 8 of this safety data sheet. Keep unnecessary and unprotected personnel away from the spillage. If leakage cannot be stopped, evacuate area. Provide adequate ventilation.
6.2. Environmental precaution	<u>s</u>
Environmental precautions	Avoid or minimise the creation of any environmental contamination. Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for	containment and cleaning up
Methods for cleaning up	Do not touch or walk into spilled material. Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.
6.4. Reference to other section	ons
Reference to other sections	See Section 1 for emergency contact information. For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.
SECTION 7: Handling and sto	orage
7.1. Precautions for safe hand	dling
Usage precautions	Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure.
Advice on general occupational hygiene	Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash promptly with soap and water if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.
7.2. Conditions for safe storage	ge, including any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from food and drink.
Storage class	Corrosive storage.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
SECTION 8: Exposure control	ols/Personal protection
8.1. Control parameters	
Occupational exposure limits	
GLUTARALDEHYDE	
Short-term exposure limit (15 Sen	nour TWA): WEL 0.05 ppm 0.2 mg/m³ -minute): WEL 0.05 ppm 0.2 mg/m³
WEL = Workplace Exposure Sen = Capable of causing oc	cupational asthma.
	GLUTARALDEHYDE (CAS: 111-30-8)

DNEL	Workers - Inhalation; Long term local effects: 0.21 mg/m ³
	Workers - Inhalation; Short term local effects: 0.42 mg/m ³
	Workers - Dermal; Long term systemic effects: 6.25 mg/kg/day

8.2. Exposure controls Protective equipment

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PNEC

- Fresh water; 0.003 mg/l
- marine water; 0.00025 mg/l
- Intermittent release; 0.006 mg/l
- STP; 0.8 mg/l
- Sediment (Freshwater); 0.091 mg/kg
- Sediment (Marinewater); 0.009 mg/kg
- Soil; 0.18 mg/kg

Appropriate engineering controls	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates
	eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. Polyvinyl chloride (PVC). The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Frequent changes are recommended.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of skin contact. For the greatest protection, clothing should include anti-static overalls, boots and gloves.
Hygiene measures	Provide eyewash station and safety shower. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a full facepiece respirator fitted with the following cartridge: Gas filter, type A2.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Avoid releasing into the environment. Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic phys	ical and chemical properties
Appearance	Liquid.
Colour	Amber. to Brown.
Odour	Characteristic. Unperfumed.

-11	
рН	pH (concentrated solution): 4.7-5.3
Relative density	~ 1.030 @ 20°C
Solubility(ies)	Soluble in water.
Explosive under the influence of a flame	Not considered to be explosive.
Comments	Information given is applicable to the product as supplied.
9.2. Other information	
Other information	None.
SECTION 10: Stability and rea	activity
10.1. Reactivity	
Reactivity	Under normal conditions of storage and use, no hazardous reactions will occur.
10.2. Chemical stability	
Stability	Stable at normal ambient temperatures.
10.3. Possibility of hazardous	reactions
Possibility of hazardous reactions	The following materials may react with the product: Amines.
10.4. Conditions to avoid	
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight.
10.5. Incompatible materials	
Materials to avoid	Avoid contact with the following materials: Ammonia or amines. Strong acids. Strong alkalis. Strong oxidising agents. Aluminium. Carbon steel. Copper. Iron. Mild steel.
10.6. Hazardous decompositio	on products
Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO2). Nitrous gases (NOx).
SECTION 11: Toxicological int	formation
11.1. Information on toxicologi	cal effects
Toxicological effects	Information given is based on data of the components and of similar products.
Acute toxicity - oral	
Notes (oral LD₅₀)	Harmful if swallowed. Calculation method.
ATE oral (mg/kg)	485.11
Acute toxicity - dermal Notes (dermal LD₅)	Based on available data the classification criteria are not met.
ATE dermal (mg/kg)	11,111.11
Acute toxicity - inhalation Notes (inhalation LC ₅₀)	Toxic if inhaled. Calculation method.
ATE inhalation (dusts/mists mg/l)	0.75
Skin corrosion/irritation	

Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/irritation Serious eye damage/irritation	Corrosivity to eyes is assumed.
Respiratory sensitisation Respiratory sensitisation	There is evidence that the product can cause respiratory hypersensitivity.
Skin sensitisation Skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.
Carcinogenicity Carcinogenicity	Based on available data the classification criteria are not met.
Reproductive toxicity Reproductive toxicity - fertility	Based on available data the classification criteria are not met. Does not contain any substances known to be toxic to reproduction.
Specific target organ toxicity -	single exposure
STOT - single exposure	May cause respiratory irritation.
Specific target organ toxicity -	repeated exposure
Specific target organ toxicity - STOT - repeated exposure	repeated exposure Based on available data the classification criteria are not met.
STOT - repeated exposure	Based on available data the classification criteria are not met. Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes
STOT - repeated exposure	Based on available data the classification criteria are not met. Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause sensitisation by inhalation. Harmful if swallowed. May cause nausea, headache, dizziness and intoxication. May cause
STOT - repeated exposure	Based on available data the classification criteria are not met. Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause sensitisation by inhalation. Harmful if swallowed. May cause nausea, headache, dizziness and intoxication. May cause burns in mucous membranes, throat, oesophagus and stomach. Causes burns. Harmful in contact with skin. May be absorbed through the skin. May cause
STOT - repeated exposure Inhalation Ingestion Skin contact	Based on available data the classification criteria are not met. Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause sensitisation by inhalation. Harmful if swallowed. May cause nausea, headache, dizziness and intoxication. May cause burns in mucous membranes, throat, oesophagus and stomach. Causes burns. Harmful in contact with skin. May be absorbed through the skin. May cause sensitisation by skin contact. Causes burns. Vapour or spray in the eyes may cause irritation and smarting. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and
STOT - repeated exposure Inhalation Ingestion Skin contact Eye contact Acute and chronic health	Based on available data the classification criteria are not met. Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause sensitisation by inhalation. Harmful if swallowed. May cause nausea, headache, dizziness and intoxication. May cause burns in mucous membranes, throat, oesophagus and stomach. Causes burns. Harmful in contact with skin. May be absorbed through the skin. May cause sensitisation by skin contact. Causes burns. Vapour or spray in the eyes may cause irritation and smarting. A single exposure may cause the following adverse effects: Severe irritation, burning, tearing and blurred vision. Corneal damage.

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Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	77.0
Species	Rat
ATE oral (mg/kg)	77.0
Acute toxicity - dermal	

	Acute toxicity dermal (LD∞ mg/kg)	2,001.0
	Species	Rabbit
	ATE dermal (mg/kg)	2,001.0
	Acute toxicity - inhalation	
	Acute toxicity inhalation (LC₅₀ dust/mist mg/l)	0.11
	Species	Rat
	ATE inhalation (dusts/mists mg/l)	0.11
SECTION 1	2: Ecological information	
Ecotoxicity	cause lo	luct contains a substance which is very toxic to aquatic organisms and which may ng-term adverse effects in the aquatic environment. Very toxic to aquatic life. Harmful c life with long lasting effects.
12.1. Toxicit	<u>ty</u>	
Toxicity	The prod	luct contains a substance which is harmful to aquatic organisms.
Ecological information on ingredients.		
		GLUTARALDEHYDE
	Acute aquatic toxicity	
	LE(C)₅₀	0.1 < L(E)C50 ≤ 1
	M factor (Acute)	1
	Acute toxicity - fish	LC₅₀, 96 hours: 10 mg/l, Oncorhynchus mykiss (Rainbow trout) REACH dossier information.
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 14.87 mg/l, Daphnia magna REACH dossier information.
	Chronic aquatic toxicity	
	Chronic toxicity - fish early life stage	NOEC, 97 days: 1.6 mg/l, Oncorhynchus mykiss (Rainbow trout)
	Chronic toxicity - aquatic invertebrates	NOEC, 21 days: 5 mg/l, Daphnia magna REACH dossier information.
	QUATERNARY AM	MONIUM COMPOUNDS, BENZYL-C12-18-ALKYLDIMETHYL, CHLORIDES
	Acute aquatic toxicity	
	LE(C)50	$0.01 < L(E)C50 \le 0.1$
	M factor (Acute)	10
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 0.016 mg/l, Daphnia magna
12.2 Doroio	topoo and dogradability	

12.2. Persistence and degradability

Persistence and degrada	complies 648/200 compete	duct is readily biodegradable. The surfactant(s) contained in this product s(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 4 on detergents. Data to support this assertion are held at the disposal of the ent authorities of the Member States and will be made available to them at their direct or at the request of a detergent manufacturer.
Ecological information or	n ingredients.	
		GLUTARALDEHYDE
Persistence degradabilit		The substance is readily biodegradable.
QU	ATERNARY AN	MONIUM COMPOUNDS, BENZYL-C12-18-ALKYLDIMETHYL, CHLORIDES
Persistence degradabilit		The substance is readily biodegradable.
12.3. Bioaccumulative po	otential	
Bioaccumulative potentia		available on bioaccumulation. The product does not contain any substances d to be bioaccumulating.
Ecological information or	n ingredients.	
		GLUTARALDEHYDE
Bioaccumul	lative potential	REACH dossier information. The product is not bioaccumulating.
Partition co	efficient	REACH dossier information. log Pow: -0.36
12.4. Mobility in soil		
Mobility	The pro	duct is water-soluble and may spread in water systems.
Ecological information or	n ingredients.	
		GLUTARALDEHYDE
Henry's law	constant	REACH dossier information. 0.011 Pa m³/mol @ 25°C
Surface ten	sion	REACH dossier information. ~ 68 mN/m @ 20°C
12.5. Results of PBT and	d vPvB assessn	nent
Results of PBT and vPvE assessment	B This pro	duct does not contain any substances classified as PBT or vPvB.
Ecological information or	n ingredients.	
		GLUTARALDEHYDE
Results of F assessmen		This substance is not classified as PBT or vPvB according to current EU criteria.
12.6. Other adverse effe	cts	
Other adverse effects	Not know	wn.
Ecological information or	n ingredients.	
		GLUTARALDEHYDE

Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
General information	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not discharge into drains or watercourses or onto the ground.
Disposal methods	This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues and hence be potentially hazardous. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information14.1. UN numberUN No. (ADR/RID)1760UN No. (IMDG)1760

UN No. (ICAO)	1760
UN No. (ADN)	1760

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CORROSIVE LIQUID N.O.S. (GLUTARALDEHYDE, QUATERNARY AMMONIUM COMPOUNDS)
Proper shipping name (IMDG)	CORROSIVE LIQUID N.O.S. (GLUTARALDEHYDE, QUARTENARY AMMONIUM COMPOUNDS)
Proper shipping name (ICAO)	CORROSIVE LIQUID N.O.S. (GLUTARALDEHYDE, QUARTENARY AMMONIUM COMPOUNDS)
Proper shipping name (ADN)	CORROSIVE LIQUID N.O.S. (GLUTARALDEHYDE, QUARTENARY AMMONIUM COMPOUNDS)

14.3. Transport hazard class(es)

ADR/RID Class	0
ADR/RID classification code	C9
IMDG class	8
ICAO class/division	8
ADN class	8

Transport labels



14.4. Packing group	
ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II
14.5. Environmental hazards	

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

IMDG Code segregation group	None
EmS	F-A, S-B
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture		
National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). Control of Pollution (Special Waste) Regulations 1980 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). The Hazardous Waste Regulations 2005.	
EU legislation	 Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments. Commission Regulation (EU) No 2015/830 of 28 May 2015. 	
Guidance	CHIP for everyone HSG228. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets. Technical Guidance WM2: Hazardous Waste. Introduction to Local Exhaust Ventilation HS(G)37.	

15.2. Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	 DNEL: Derived No Effect Level. PBT: Persistent, Bioaccumulative and Toxic substance. PNEC: Predicted No Effect Concentration. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. vPvB: Very Persistent and Very Bioaccumulative.
General information	Only trained personnel should use this material.
Key literature references and sources for data	The active ingredient with the CAS no. 63449-41-2 is also notified with CAS no. 61789-71-7, 68391-01-5, 8001-54-5 and 68424-85-1. CAS no, 68424-85-1 is listed in Annex II to the Directive 2003/2032/EC.
Revision date	08/11/2018
Revision	1
SDS number	21949
Risk phrases in full	R20/22 Harmful by inhalation and if swallowed. R23/25 Toxic by inhalation and if swallowed. R34 Causes burns. R37 Irritating to respiratory system. R42/43 May cause sensitisation by inhalation and skin contact. R50 Very toxic to aquatic organisms.
Hazard statements in full	 H301 Toxic if swallowed. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H331 Toxic if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.