



SAFETY DATA SHEET

OMNICIDE FG II

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

SECTION 1: Identification of the substance/mixture and of the company/undertaking			
1.1. Product identifier			
Product name	OMNICIDE FG II		
Product number	OMNICIDE FG II		
Container size	5L, 25L, 200L		
1.2. Relevant identified uses of the substance or mixture and uses advised against			
Identified uses	Detergent. Disinfectant.		
Uses advised against	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 identifica	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			

Hazard statementsH302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H314 May cause allergio cause an allergio skin reaction. H331 Toxic if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties 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. H112 Harmful to aquatic life with long lasting effects.Precautionary statementsP260 User protective clothing, gloves, eye and face protection. P3034P361+P333 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P3054P351+P333 IF IN SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P3054P351+P333 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.Supplementary precautionary statementsP264 Vaich breathing vapour's pray. P264 Vaich torthing vapour's pray. P264 Vaich contaminated wich 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. P301+P301 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P304 IF INALED: Remove person to fresh air and keep comfortable for breathing. P304+P304 IF INALED: Remove person to fresh air and keep comfortable for breathing. P304+P304 IF INALED: Remove person to fresh air and keep comfortable for breathing. P304+P304 IF INALED: Remove person to fresh air and keep comfortable for brea	Signal word	Danger
 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 EVES: 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 Supplementary precautionary statements P261 Avoid breathing vapour/ spray. 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. P284 [In case of inadequate ventilation] wear respiratory equipment. P301+P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P301+P330 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352 IF ON SKIN: Wash with plenty of water. P304+P3340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell. P312 Specific treatment (see medical advice on this label). P3314+P313 If skin irritation or rash occurs: Calt medical advice/ attention. P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor. P362+P364 Take off contaminated clothing and wash it before reuse. P363 Wash contaminated clothing before reuse. P363 Wash contaminated clothing and wash it before reuse.	Hazard statements	 H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. 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.
ALKYLDIMETHYL, CHLORIDESSupplementary precautionaryP261 Avoid breathing vapour/ spray.statementsP264 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.P284 [In case of inadequate ventilation] wear respiratory equipment.P301+P330+P331 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 CENTER/doctor if you feel unwell.P321 Specific treatment (see medical advice on this label).P332+P331 If skin irritation or rash occurs: Get medical advice/ attention.P362+P364 Take off contaminated clothing and wash it before reuse.P361 Collect spillage.P301 Collect spillage.P308+P331 IF exposed or concerned: Get medical advice/ attention.P308+P333 IF expos	Precautionary statements	 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.
statementsP264 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. P284 During fumigation/spraying wear suitable respiratory equipment. 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 CENTER/doctor. P313 If skin irritation or rash occurs: Get medical advice/ attention. 	Contains	
		 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. P284 During fumigation/spraying wear suitable respiratory equipment. 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. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P363 Wash contaminated clothing before reuse. P391 Collect spillage. P308+P313 IF exposed or concerned: Get medical advice/ attention. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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	Classificatio	on (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		
		5-10%
QUATERNARY AMMONIUM COI	VIF OUNDO, DEINZ I L-C IZ-	
QUATERNARY AMMONIUM COI 18-ALKYLDIMETHYL, CHLORIDI		
18-ALKYLDIMETHYL, CHLORIDI	ES	
18-ALKYLDIMETHYL, CHLORIDI CAS number: 68391-01-5	ES EC number: 269-919-4	on (67/548/EEC or 1999/45/EC)
18-ALKYLDIMETHYL, CHLORIDI CAS number: 68391-01-5 M factor (Acute) = 10 Classification	ES EC number: 269-919-4 Classificatio	on (67/548/EEC or 1999/45/EC) 821/22 N;R50
18-ALKYLDIMETHYL, CHLORIDI CAS number: 68391-01-5 M factor (Acute) = 10 Classification Acute Tox. 4 - H302	ES EC number: 269-919-4 Classificatio	
18-ALKYLDIMETHYL, CHLORIDI CAS number: 68391-01-5 M factor (Acute) = 10 Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312	ES EC number: 269-919-4 Classificatio	
18-ALKYLDIMETHYL, CHLORIDI CAS number: 68391-01-5 M factor (Acute) = 10	ES EC number: 269-919-4 Classificatio	

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	Get medical attention immediately. 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 sympto	ms and effects, 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 s		
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	When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.	
SECTION 5: Firefighting meas	ures	
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 fro	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 releas	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.	

6.2. Environmental precautions

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.

Provide adequate ventilation.

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	ns		
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	rage		
7.1. Precautions for safe hand	ling		
Usage precautions	Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Avoid spilling. Avoid contact with skin and eyes. Wear appropriate clothing to prevent any possibility of skin contact. Wear protective clothing as described in Section 8 of this safety data sheet.		
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 storag	e, 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)	Specific end use(s) The identified uses for this product are detailed in Section 1.2.		
SECTION 8: Exposure control	s/Personal protection		
8.1. Control parameters			
Occupational exposure limits			
GLUTARALDEHYDE			
	bur TWA): WEL 0.05 ppm 0.2 mg/m³ minute): WEL 0.05 ppm 0.2 mg/m³		
Sen			
WEL = Workplace Exposure Limit Sen = Capable of causing occupational asthma.			
GLUTARALDEHYDE (CAS: 111-30-8)			
DNEL	Workers - Inhalation; Long term local effects: 0.21 mg/m³ Workers - Inhalation; Short term local effects: 0.42 mg/m³ Workers - Dermal; Long term systemic effects: 6.25 mg/kg/day		
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 		

Protective equipment



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 Wear protective gloves. To protect hands from chemicals, gloves should comply v European Standard EN374. It is recommended that gloves are made of the follow Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent ch recommended. The most suitable glove should be chosen in consultation with the supplier/manufacturer, who can provide information about the breakthrough time or material.	
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	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. 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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.		
Colour	Colourless.		
Odour	Characteristic. Unperfumed.		
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.		
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the crit for classification as oxidising.		
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 oxidising agents. Strong alkalis. Aluminium. Iron. Mild steel. Copper. Carbon 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 in	formation		
11.1. Information on toxicologi	ical effects		
Toxicological effects	Information given is based on data of the components and of similar products.		
Acute toxicity - oral Notes (oral LD₅)	Harmful if swallowed. Calculation method.		
ATE oral (mg/kg)	485.11		
Acute toxicity - dermal			
Notes (dermal LD₅₀)	Based on available data the classification criteria are not met.		
ATE dermal (mg/kg)	11,111.11		
Acute toxicity - inhalation Notes (inhalation LC₅₀)	Toxic if inhaled. Calculation method.		
ATE inhalation (dusts/mists	0.75		
mg/l)	0.70		
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	May cause allergy or asthma symptoms or breathing difficulties if inhaled.		
Skin sensitisation Skin sensitisation	May cause sensitisation by skin contact. May cause an allergic skin reaction.		

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		
STOT - repeated exposure	Based on available data the classification criteria are not met.		
Inhalation	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.		
Ingestion	Harmful if swallowed. May cause nausea, headache, dizziness and intoxication. May cause burns in mucous membranes, throat, oesophagus and stomach.		
Skin contact	Causes burns. Harmful in contact with skin. May be absorbed through the skin. May cause sensitisation by skin contact.		
Eye 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.		
Acute and chronic health hazards	May cause respiratory system irritation.		
Target organs	No specific target organs known.		

Toxicological information on ingredients.

GLUTARALDEHYDE

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 (LD₅₀ 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 inform	nation	
Ecotoxicity	The product contains a substance which may have hazardous effects on the environment. Very toxic to aquatic life. Harmful to aquatic life with long lasting effects.		
12.1. Toxici	t <u>y</u>		
Toxicity	Toxicity The product contains a substance which is harmful to aquatic organisms.		
Ecological information on ingredients.			
GLUTARALDEHYDE			
	Acute aquatic tox	icity	
	LE(C)50		0.1 < L(E)C50 ≤ 1
	M factor (Acute)		1
	Acute toxicity - fis	sh	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 AMMONIUM COMPOUNDS, BENZYL-C12-18-ALKYLDIMET		IMONIUM 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. Persistence and degradability			
complies 648/2004 compete		complies 648/2004 compete	duct is readily biodegradable. The surfactant(s) contained in this product (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 nt authorities of the Member States and will be made available to them at their direct or at the request of a detergent manufacturer.
Ecological in	nformation on ingre	edients.	
			GLUTARALDEHYDE
	Persistence and degradability		The substance is readily biodegradable.
			IMONIUM COMPOUNDS, BENZYL-C12-18-ALKYLDIMETHYL, CHLORIDES

Persistence an degradability	d	The substance is readily biodegradable.
12.3. Bioaccumulative poter	tial	
Bioaccumulative potential		available on bioaccumulation. The product does not contain any substances d to be bioaccumulating.
Ecological information on in	gredients.	
		GLUTARALDEHYDE
Bioaccumulativ	e potential	REACH dossier information. The product is not bioaccumulating.
Partition coeffic	cient	REACH dossier information. log Pow: -0.36
12.4. Mobility in soil		
Mobility	The proc	duct is water-soluble and may spread in water systems.
Ecological information on in	gredients.	
		GLUTARALDEHYDE
Henry's law co	nstant	REACH dossier information. 0.011 Pa m³/mol @ 25°C
Surface tension	า	REACH dossier information. ~ 68 mN/m @ 20°C
12.5. Results of PBT and vF	vB assessm	ient
Results of PBT and vPvB assessment	This pro	duct does not contain any substances classified as PBT or vPvB.
Ecological information on ing	gredients.	
		GLUTARALDEHYDE
Results of PBT assessment	and vPvB	This substance is not classified as PBT or vPvB according to current EU criteria.
12.6. Other adverse effects		
Other adverse effects	Not know	vn.
Ecological information on in	gredients.	
		GLUTARALDEHYDE
Other adverse	effects	Not available.
SECTION 13: Disposal cons	derations	
13.1. Waste treatment meth		
General information	-	of waste to licensed waste disposal site in accordance with the requirements of the aste Disposal Authority. Do not discharge into drains or watercourses or onto the
Disposal methods	may reta	terial and its container must be disposed of in a safe way. Empty containers or liners ain some product residues and hence be potentially hazardous. Dispose of waste to waste disposal site in accordance with the requirements of the local Waste Disposal y.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1760
UN No. (IMDG)	1760
UN No. (ICAO)	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, QUATERNARY AMMONIUM COMPOUNDS)
Proper shipping name (ICAO)	CORROSIVE LIQUID, N.O.S. (GLUTARALDEHYDE, QUATERNARY AMMONIUM COMPOUNDS)
Proper shipping name (ADN)	CORROSIVE LIQUID, N.O.S. (GLUTARALDEHYDE, QUATERNARY AMMONIUM COMPOUNDS)
1/ 3 Transport bazard class(a	e)

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID label	8
IMDG class	8
ICAO class/division	8

Transport labels



14.4. Packing group

ADR/RID packing group	П
IMDG packing group	П
ICAO packing group	П

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user		
EmS		F-A. S-B

Eine	1 / , O E
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

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

Currently we do not have information from our suppliers about this.

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.
Revision date	08/11/2018
Revision	1
SDS number	21950
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.