

SAFETY DATA SHEET

according to regulation of European parliament and Council (ES) number 1907/2006
according Committee regulation (EU) number 878/2020




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Revision date:		Replaces version:	-		
Product name:	ETERNAL ODMAŠTOVAC DIRECT				

1. Section 1: Identification of substance/mixture and of the company/undertaking

1.1	Product identifier:	ETERNAL ODMAŠTOVAC DIRECT		
	The product is not a nanoform, nor does it contain any nanoforms.			
	UFI code:	EQY1-SS5D-YD1U-CADW		
1.2	Relevant identified uses of the substance or mixture and uses advised against:			
1.2.1	Relevant identified use:			
	Life cycle phases:	PW (wide use by professionals - basic) C (consumer use) SU0		
	Usage Name:	Cleaning agent, degreasing agent		
	Other usage description:	PC35		
	Market description:	non-industrial spraying techniques		
	Contributing Activity Name:	PROC11		
	Contributing activities descriptor:	technical function of the product in Cleaning agent, degreasing agent		
	More information:	this use: quantity to use: 0 - 10 t / yr Regulatory status by use: No a limited number of devices for this use: No the subsequent period of use relevant to this use: 24 months an overview of environmental release categories for each life cycle stage: ERC2; ERC8a; ERC8d; ERC10a; ERC11a supplied as a mixture all other uses		
1.2.2	Uses advised against:			
1.3	Details of the supplier of the safety data sheet:			
	Producer and supplier:	AUSTIS a. s.		
	Address:	K Austisu 680, 154 00 PRAHA 5 - Slivenec		
	Telephone number:	+420 251 099 111		
	Fax:	+420 251 099 112		
	e-mail	austis@austis.cz		
1.4	Emergency telephone number:	+420 251 099 247 +420 725 491 378		
	Centre of the Toxicologically information Na Bojišti 1, 120 00 Prague 2, CZ	Tel.: +420 224 919 293		

2. Section 2: Hazard identification

2.1	Classification of the substance or mixture	The mixture is classified as dangerous.		
	Classification under Regulation 1272/2008/EU	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Aquatic Chronic 3; H412		
2.2	Label elements			
	Symbols:	GHS07 		
	Signal word:	Warning		
	It contains a hazardous substance:	2-Aminoethan-1-ol, quaternary ammonium compounds		
	Hazard Statement:	H318: Causes serious eye irritation. H315: Causes skin irritation. H412: Harmful to aquatic life with long lasting effects.		

Precautionary Statement:		P102: Keep out of reach of children. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P337+P313: If eye irritation persists: Get medical advice/ attention. P333+P313: If skin irritation or rash occurs: Get medical advice/ attention. P501: Dispose of contents/container by incineration in an incinerator or dispose of hazardous waste in landfills for hazardous waste.	
Composition according to (EC) 648/2004:		Less than 5 % nonionic surfactants, amphoteric surfactants, cationic surfactants, phosphonates.	
2.3	Other hazards:	The mixture does not meet criteria to be classified as PBT or vPvB substances. The mixture is not endocrine disruptor, nor does it contain any.	
	Other risks:	Not Assigned	
3.	Section 3: Composition / information on ingredients		
	An aqueous solution of surfactants, phosphonates and excipients.		
3.2	Mixtures		
	Chemical name:	2-Aminoethane-1-ol	Propane-2-ol
	Content [%]:	< 1	< 1
	Index number:	603-030-00-8	603-117-00-0
	CAS:	141-43-5	67-63-0
	EC number (EINECS):	205-483-3	200-661-7
	REACH Registration number:	01-2119486455-28-0XXX	01-2119457558-25-0XXX
	Classification according to Directive 1272/2008/EU:	Acute Tox. 4; H302 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Corr. 1B; H314 STOT SE 3; H335	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (inhalace)
	Specific concentration limits, M-factors:	STOT SE 3; H335: C ≥ 5 % Not Assigned	Not Assigned Established Exposure limit EH40/2005 (WELs)
	Chemical name:	2-(2-butoxyethoxy)ethanol	(C12-14)-ALKYLDIMETHYL-ETHYLBENZYLAMMONIUM CHLORIDE
	Content [%]:	0,5 - 0,7	0,1 - 0,2
	Index number:	603-096-00-8	Not Assigned
	CAS:	112-34-5	85409-23-0
	EC number (EINECS):	203-961-6	287-090-7
	REACH Registration number:	01-2119475104-44-0XXX	01-2120771812-51-0XXX
	Classification according to Directive 1272/2008/EU:	Eye Irrit. 2; H319	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
	Specific concentration limits, M-factors:	Not Assigned Established Exposure limit EH40/2005 (WELs)	Not Assigned Not Assigned
	Chemical name:	BENZALKONIUMCHLORIDE	
	Content [%]:	0,1 - 0,2	
	Index number:	Not Assigned	
	CAS:	68391-01-5	
	EC number (EINECS):	269-919-4	
	REACH Registration number:	Not Assigned	
	Classification according to Directive 1272/2008/EU:	Acute Tox. 4; H302 Skin Corr. 1B; H314 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	
	Specific concentration limits, M-factors:	Not Assigned	
	Full text of H - phrases in Section 16		
4.	Section 4: First aid measures		

4.1	<p>Description of first aid measures</p> <p>When providing first aid it is necessary to ensure safety of both victim and person rescuing. It is necessary to avoid chaotic behavior. Victim must be kept in mental and physical rest. Victim must be kept warm and must not get chilled. Take original container with label or safety data sheet with information about substance or mixture with you in case of medical examination.</p> <p>Inhalation: Break exposure, move to fresh air protecting the victim from cold. Provide medical treatment especially if coughing, shortness of breath or other symptoms persist.</p> <p>When on skin: Put away contaminated clothes and shoes, wash the contaminated spot with plenty of tepid water; if the skin is not irritated, soap can be used; seek doctor's advice, especially if the skin stays irritated.</p> <p>Eye Contact: Rinse eyes with plenty of water (10 to 15 min). Keep eyes open (even by force if necessary). If the victim is wearing contact lenses remove them immediately. Seek medical attention.</p> <p>Ingestion: Do not induce vomiting! Drink at least 0,5 liters of water with 5 to 10 tablets of crushed charcoal. In case of nausea contact the Toxicology Information Centre for need of medical treatment with information about composition of the mixture from the original container or SDS.</p>
4.2	<p>Most important symptoms and effects, both acute and delayed</p> <p>The product may have adverse effects through inhalation and if swallowed. It can irritate skin, mucous membranes and eyes.</p>
4.3	<p>Indication of any immediate medical attention and special treatment needed: Symptomatic treatment</p>
5.	Section 5: Fire-fighting measures
5.1	<p>Extinguishing media</p> <p>Suitable extinguishing media: The product is not inflammable. Water spray (water mist), foam, carbon dioxide, dry powder.</p> <p>Unsuitable extinguishing media: The strong water current. It can be spread fire.</p>
5.2	Specific danger linked to the substance or mixture: Burning may produce carbon oxides and nitrogen oxides.
5.3	Advice for firefighters: wear a breathing apparatus and protective clothing.
6.	Section 6: Accidental release measures
6.1	Personal precautions, protective equipment and emergency procedures: Appropriate protective gloves, goggles, appropriate clothing, or respirator.
6.1.1	<p>For workers except for those intervening in emergency cases - instructions in case of accidental spill and leak of substance or mixture:</p> <p>a) use of appropriate protection (including personal protective equipment according to part 8 BL), in order to avoid any skin, eyes or personal clothing contamination;</p> <p>b) removing possible sources of ignition, providing proper ventilation, control of dust - not relevant</p> <p>c) emergency measures, for example necessary evacuation from dangerous area or consultation with an expert - not relevant</p>
6.1.2	For workers intervening in emergency cases - instructions for appropriate materials of personal protective suits (see part 8 BL)
6.2	Environmental precautions: Prevent environmental pollution - leakage into drains, surface water, groundwater or soil.
6.3	Methods and materials for limitation of leaks and for cleaning:
6.3.1	<p>Instructions for leak limitation of spilled substance or mixture</p> <p>a) enclose the spilled mixture, cover the canalization;</p> <p>b) seal the damaged package</p>
6.3.2	<p>Instructions for removal of spilled substance or mixture</p> <p>Absorb with appropriate agent, hand over to authorized person for disposal.</p>
6.4	Reference to other sections: See also section 7., 8 and 13.
7.	Section 7: Handling and storage
7.1	Measures for safe manipulation:
7.1.1	<p>Recommendations:</p> <p>a) Workers handling the product have to get familiar with health and safety rules for work and have to obey these rules. Secure escape routes (enclosing of leaked mixture, sealing of damaged packages and so on), for fire prevention (remove ignition sources, non-sparkling tools and so on) and limit the production of aerosol and dust.</p> <p>b) Obey measures for prevention of manipulation with incompatible substances or mixtures (see part 10) in common areas.</p> <p>c) Store in original closed packages in temperature from +5 to +25 °C, do not expose to temperature under 0 °C (not even in short term). Do not expose to direct sunlight or other heat sources.</p> <p>d) Prevent the contamination of environment, i.e. leak into canalization, surface or underground water and soil.</p>
7.1.2	<p>Instructions for general hygiene of work:</p> <p>a) Do not eat, drink or smoke on work areas.</p> <p>b) After working with product wash your hands with soap and water, eventually use regeneration hand cream.</p> <p>c) Before entering dining areas, remove contaminated clothing and protective equipment.</p>
7.2	Conditions for safe storage of substances and mixtures including incompatible substances and mixtures: Store in dry and well-ventilated storages in original closed packages in temperatures from +5 to +25 °C, do not expose to temperature under 0 °C (not even in short term). Do not expose to direct sunlight or other heat sources. Prevent any contact with oxidizing substances, strong acids and bases. Do not store with food, drinks and feed. The product is not a flammable liquid according to ČSN 65 0201.
7.3	Specific end use: see part 1.2; coating procedure and recommendations are listed in technical list of the product, or in other product documentation.
8.	Section 8: Exposure controls / personal protection
8.1	<p>Control parameters:</p> <p>Exposure limits EH40/2005 (WELs):</p>

Chemical name:	2-Aminoethane-1-ol	2-(2-butoxyethoxy)ethanol
CAS:	141-43-5	112-34-5
Long-term exposure limit [mg/m ³] (TWA/8 h)	2,5 (1 ppm)	67,5 (10 ppm)
Short-term exposure limit [mg/m ³] (15 minut)	7,6 (3 ppm)	101,2 (15 ppm)
Comments:	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	Not Assigned
Chemical name:	propane-2-ol	
CAS:	67-63-0	
Long-term exposure limit [mg/m ³] (TWA/8 h)	999 (400 ppm)	
Short-term exposure limit [mg/m ³] (15 minut)	1250 (500 ppm)	
Comments:	Not Assigned	
2-Aminoethane-1-ol (ES: 205-483-3):		
DNEL (Workers, Hazard via inhalation route, Local effects, Long term exposure)	3,3 mg/m ³	
DNEL (Workers, Hazard via dermal route, Systemic effects, Long term exposure)	1 mg/kg bw/day	
DNEL (General Population, Hazard via inhalation route, Local effects, Long term exposure)	2 mg/m ³	
DNEL (General Population, Hazard via dermal route, Systemic effects, Long term exposure)	0,24 mg/kg bw/day	
DNEL (General Population, Hazard via oral route, Systemic effects, Long term exposure)	3,75 mg/kg bw/day	
propane-2-ol (ES: 200-661-7):		
DNEL (Workers, Hazard via inhalation route, Systemic effects, Long term exposure)	500 mg/m ³	
DNEL (Workers, Hazard via dermal route, Systemic effects, Long term exposure)	888 mg/kg bw/day	
DNEL (General Population, Hazard via inhalation route, Systemic effects, Long term exposure)	89 mg/m ³	
DNEL (General Population, Hazard via dermal route, Systemic effects, Long term exposure)	319 mg/kg bw/day	
DNEL (General Population, Hazard via oral route, Systemic effects, Long term exposure)	26 mg/kg bw/day	
PNEC aqua (freshwater)	140,9 mg/L	
PNEC aqua (marine water)	140,9 mg/L	
PNEC STP	2251 mg/L	
PNEC sediment (freshwater)	552 mg/kg (sediment dw)	
PNEC sediment (marine water)	552 mg/kg (sediment dw)	
PNEC soil	28 mg/kg (soil dw)	
PNEC oral (Hazard for predators)	160 mg/kg food	
2-(2-butoxyethoxy)ethanol (ES: 203-961-6)		
DNEL (Workers, Hazard via inhalation route, Systemic effects, Long term exposure)	67,5 mg/m ³	
DNEL (Workers, Hazard via inhalation route, Systemic effects, Acute/short term exposure)	101,2 mg/m ³	
DNEL (Workers, Hazard via dermal route, Systemic effects, Long term exposure)	83 mg/kg bw/day	
NOAEL (Workers, Hazard via dermal route, Systemic effects, Long term exposure)	2000 mg/kg bw/day	
DNEL (General Population, Hazard via inhalation route, Systemic effects, Long term exposure)	40,5 mg/m ³	
DNEL (General Population, Hazard via inhalation route, Systemic effects, Acute/short term exposure)	60,7 mg/m ³	
DNEL (General Population, Hazard via dermal route, Systemic effects, Long term exposure)	50 mg/kg bw/day	
NOAEL (General Population, Hazard via dermal route, Systemic effects, Long term exposure)	2000 mg/kg bw/day	
DNEL (General Population, Hazard via oral route, Systemic effects, Long term exposure)	5 mg/kg bw/day	
NOAEL (General Population, Hazard via oral route, Systemic effects, Long term exposure)	200 mg/kg bw/day	
PNEC aqua (freshwater)	1,1 mg/L	
PNEC aqua (marine water)	0,11 mg/L	
PNEC STP	200 mg/L	
PNEC sediment (freshwater)	4,4 mg/kg sediment dw	

	PNEC sediment (marine water)	0,44 mg/kg sediment dw
	PNEC soil	0,32 mg/kg soil dw
	PNEC oral (Hazard for predators)	56 mg/kg food
	(C12-14)-ALKYLDIMETHYLETHYLBENZYLAMMONIUM CHLORIDE (ES: 287-090-7):	
	DNEL (Workers, Hazard via inhalation route, Local effects, Long term exposure)	1 mg/m ³
	DNEL (General Population, Hazard via inhalation route, Local effects, Long term exposure)	1 mg/m ³
8.2	Exposure controls	
	Ensure adequate ventilation. Ensure protective equipment is worn while working with the product. Contaminated work clothes can be reused after thorough cleaning. Wash your hands and face with soap and water after use. Do not eat, drink or smoke while working with the product.	
8.2.1	Appropriate engineering controls: Observe the usual precautions to protect the health and well-ventilated.	
8.2.2	Individual protection measures, such as personal protective equipment:	
	Occupational exposure is governed by Directive 89/686/EEC therefore any use of personal protective equipment must be in accordance with this Regulation.	
	a) Eyes and face protection: Suitable safety goggles (EN 166), face shield.	
	b) Skin protection: Common safety clothing with long sleeve and shoes; take off the contaminated clothing and wash your skin with soap and water.	
	b-1) Hands protection: suitable protective gloves (made from rubber - according to EN 374), wash your hands with soap and water after work.	
	c) Airways protection: with proper area ventilation not required. When spraying, face half-shield is recommended for gas filtration (EN 405) or quarter-shield with gas filter (EN 140, EN 141).	
	d) Heat hazard: Special attention must be paid to construction of personal protective measures, when specifying protective measures for protection against materials, which are considered to be heat hazard. Not relevant for this product.	
8.2.3	Environmental exposure controls: Avoid infiltration of surface and groundwater and soil.	
9.	Section 9: Physical and chemical properties	
9.1.	Information on basic physical and chemical properties	
	a) State	low viscosity liquid
	b) Color	clear colorless liquid
	c) Odour:	after the raw materials used
	Odor threshold:	Not specified
	d) Melting/Freezing point (temperature range) (°C):	Not specified
	e) Boiling point or initial boiling point and boiling range (°C)	approximately 100
	f) Combustibility:	non-flammable liquid
	g) Explosion limits: upper limit (% volume):	Not specified
	lower limit (% volume):	Not specified
	h) Point of ignition:	Not specified
	i) Temperature of self-ignition:	Not specified
	j) Temperature of decomposition (°C):	Not specified
	k) pH (at 23 °C):	approximately 11,6
	l) Kinematic viscosity:	Not specified
	m) Solubility (23 °C)	
	- with water:	unlimited miscibility with water
	- with fats:	Not specified
	n) Partition coefficient n - octanol/water:	Not specified
	o) Steam pressure (20 °C):	Not specified
	p) Density and/or relative density (20 °C):	approximately 1,0 g.cm ⁻³
	q) Relative viscosity of steam (at °C):	Not specified
	r) Particles characteristics:	Not specified
9.2	Other information:	
9.2.1	Information about class of physical hazard:	not relevant
9.2.2	Other safety characteristics	
	Evaporation rate:	Not specified
	Dynamic viscosity:	Not specified
	Explosive properties:	Not specified
	Oxidizing properties:	Not specified
	The content of organic solvents; total organic carbon content (TOC):	0,057 kg/kg
10.	Section 10: Stability and reactivity	
	Product is stable under recommended storage and handling conditions.	
10.1	Reactivity: Product is not reactive under recommended storage and handling conditions.	
10.2	Chemical stability: Product is stable under recommended storage and handling conditions.	
10.3	Possibility of hazardous reactions: In case of contact with substances reacting dangerously with water.	

10.4	Conditions to avoid: Temperatures below 0 °C and above 100 °C cause degradation of the product. Temperatures above recommended storage temperature reduce life of the product.		
10.5	Incompatible materials: Avoid contact with oxidizing agents, strong acids and bases.		
10.6	Hazardous Decomposition Products: Burning may produce carbon oxides and nitrogen oxides.		
11.	Section 11: Toxicological information		
11.1	Information about hazard classes according to (ES) č. 1272/2008		
	a) acute toxicity:	For the mixture not determined	the classification criteria are not met based on available information
	- LD ₅₀ , oral, rat (mg.kg ⁻¹) (2-Aminoethane-1-ol):	1515	the classification criteria are not met based on available information
	- LD ₅₀ , dermal, rat or rabbit (mg.kg ⁻¹) (2-Aminoethane-1-ol):	> 2000	the classification criteria are not met based on available information
	- LD ₅₀ , dermal, rat or rabbit (mg.kg ⁻¹) ((C12-14)-ALKYLDIMETHYLETHYLBENZYL AMMONIUM CHLORIDE):	3412	the classification criteria are not met based on available information
	- LC ₅₀ , inhalation, rat, for gases and vapours (mg.kg ⁻¹) (2-Aminoethane-1-ol):	> 1,3	the classification criteria are not met based on available information
	b) corrosivity/skin irritation:	Causes skin irritation.	
	c) serious eye damage / eyes irritation:	Causes serious eye irritation.	
	d) sensitivity of airways / sensitivity of skin:	the classification criteria are not met based on available information	
	e) germ cells mutagenicity:	the classification criteria are not met based on available information	
	f) carcinogenicity:	the classification criteria are not met based on available information	
	g) toxicity for reproduction:	the classification criteria are not met based on available information	
	h) toxicity for specific organs - single exposure:	the classification criteria are not met based on available information	
	i) toxicity for specific organs - multiple exposures:	the classification criteria are not met based on available information	
	j) hazards while inhaled:	the classification criteria are not met based on available information	
	Human experience:	No detrimental effects were found upon compliance with the prescribed safety measures.	
	Tests on animals:	Were not performed	
11.1.1	Information for each hazard class or breakdown:	see above	
11.1.2	Toxicological properties of mixture 2-Aminoethane-1-ol (ES: 205-483-3), propane-2-ol (ES: 200-661-7), 2-(2-butoxyethoxy)ethanol (ES: 203-961-6) and (C12-14)-ALKYLDIMETHYLETHYLBENZYLAMMONIUM CHLORIDE (ES: 287-090-7)	not available	
11.1.3	If enough information from substance/mixture trials exist, it might be necessary to sum up results of used studies, for example according to exposure run	not relevant	
11.1.4	If the classification criteria are not met for specific hazard class, information explaining the justification should be stated.	relevant concentration limits were not exceeded	
11.1.5	Information about likely exposure run	see part 11.1	
11.1.6	Symptoms corresponding to physical, chemical and toxicological features	see part 11.1	
11.1.7	Belated and immediate effects and chronic effects of short/long term exposure	see part 11.1	
11.1.8	Interactive effects	unknown	
11.1.9	Lack of specific data	not relevant	
11.1.10	Mixtures	see part 8	
11.1.11	Mixtures information compared to substance information		
	1) Substances in the mixture can react with each other inside of a body and can cause different levels of absorption, metabolism and		
	2) It is necessary to consider, if concentration of each substance is sufficient to contribute to mixture's effects on health. For each substance		
	a) if the information are doubled, they are listed only once for a substance as a whole, for example when two different substances are causing vomiting and diarrhea;	Not relevant for this mixture.	
	b) if it is not likely the effects will appear with current concentrations, for example when weak irritating substance is dissolved in non-irritating solution to a level under certain concentration;	Not relevant for this mixture.	
	c) if the information about mutual effects of substances in the mixture are unavailable, no assumptions will be listed and instead effects on health of each substance will be listed.	see part 8	
11.1.12	Additional data:	None	
11.2	Other hazards information		

11.2.1	Features causing disruption of endocrinal systém	Not relevant for this mixture.
11.2.2	Other information	None
12.	Section 12: Ecological information	
12.1	<p>Toxicity</p> <p>Acute toxicity for water organisms:</p>	<p>Harmful to aquatic life with long lasting effects.</p> <p>For the mixture not determined for individual ingredients:</p> <p>BENZALKONIUMCHLORIDE:</p> <ul style="list-style-type: none"> - LC₅₀, 96 hours, fish (Pimephales promelas): 0,515 mg/l - LC₅₀, 48 hours, (Daphnia magna): 0,0161 mg/l - EC₅₀, 96 hours, algae (Selenastrum capricornutum): > 969 mg/l <p>(C12-14)-ALKYLDIMETHYLETHYLBENZYLAMMONIUM CHLORIDE:</p> <ul style="list-style-type: none"> - LC₅₀, 96 hours, fish: Not Assigned - EC₅₀, 48 hours, invertebrates: 0,016 mg/l - IC₅₀, 72 hours, algae: Not Assigned - NOEC, algae: Not Assigned
12.2	Persistence and degradability:	Biodegradability of surfactants in the mixture meets the requirements of Regulation EC 648/2004.
12.3	Bioaccumulative potential:	Due to the high water solubility is bioaccumulation in organisms unlikely.
12.4	Mobility in soil:	In water and soil, the product is soluble and mobile. In case of rain, possible contamination of river beds.
12.5	Results of PBT and vPvB	The mixture does not meet the criteria for classification as PBT or vPvB.
12.6	Features causing disruption of endocrinal systém	Unknown for this mixture
12.7	<p>Other adverse effects:</p> <p>Additional data:</p>	<p>See Section 2</p> <p>Water hazard class 1. Low water hazard (Self-assessment). The product must not leak to surface and groundwater. Notify competent authorities immediately in case of an accident.</p>
13.	Section 13: Disposal considerations	
13.1	<p>Methods of waste management:</p> <p>a) Appropriate methods of substance, mixture and contaminated packaging disposal: Proceed in accordance with applicable regulations. Do not mix with household waste. Diluted with plenty of water. Discharge into the sewer is permitted after neutralization under conditions laid down by water authorities.</p> <p>b) Physical / chemical properties that can affect means of waste handling: Liquid mixture is completely miscible with water.</p> <p>c) Avoidance of disposal through sewer: Discharge into the sewer is permitted according to the conditions laid down by water authorities.</p> <p>d) Special precautions for the recommended waste management: Avoid contact with skin and eyes.</p> <p>Examples of classification according to the Waste Catalog:</p>	<p>Unused product - 160305 Organic wastes containing dangerous substances. Category N</p> <p>Used preparation - classifies the waste generator according to the legislation on the basis of the properties of the generated waste. May be classified as 110113 Degreasing wastes containing dangerous substances. Category N.</p> <p>Contaminated packaging - 150110 Packaging containing residues of or contaminated by dangerous substances. Category N</p>
14.	Section 14: Transport information	
14.1	<p>UN number or ID number</p> <p>Required shipping label:</p> <p>ADR/RID/ADN:</p> <p>IMDG:</p> <p>ICAO TI:</p>	<p>Not specified</p> <p>Not specified</p> <p>Not specified</p> <p>Not specified</p>
14.2	<p>Proper name of the United Nations for the shipment</p> <p>ADR/RID/ADN:</p> <p>IMDG:</p> <p>ICAO TI:</p>	<p>Not specified</p> <p>Not specified</p> <p>Not specified</p>
14.3	<p>Transport hazard class(es):</p> <p>ADR/RID/ADN:</p> <p>IMDG:</p> <p>ICAO TI:</p>	<p>Not specified</p> <p>Not specified</p> <p>Not specified</p>
14.4	<p>Packing group:</p> <p>ADR/RID/ADN:</p> <p>IMDG:</p> <p>ICAO TI:</p>	<p>Not specified</p> <p>Not specified</p> <p>Not specified</p>

14.5	Environmental hazards:	Not specified
14.6	Special precautions for user:	See Section 8
	Special provisions (ADR):	Not specified
14.7	Naval mass-transport according to instrument IMO:	Not applicable
	Notes:	None
	Additional data:	None
15.	Section 15: Regulatory information	
15.1	<p>Safety, health and environmental regulations/legislation specific for the substance or mixture.</p> <p>Regulation of the European Parliament and Council Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals establishing a European Chemicals Agency, as amended</p> <p>Regulation of the European Parliament and Council Regulation (EC) No 1272/2008 (CLP) as amended</p> <p>REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents</p> <p>Commission directive (EU) No. 878/2020</p> <p>EH40/2005 Workplace exposure limits (second edition, published 2011). Containing the list of workplace exposure limits for use with the Control of Substances Hazardous to Health Regulations (as amended)</p>	
15.2	Assessment chemical safety of mixture:	Were not performed
16.	Section 16: Other informations	
	<p>Information stated in this safety data sheet is based on the current knowledge of EU legislation. It is recommendation in terms of health and safety as well as recommendation related to ecological matters that are essential to safe usage of the product.</p> <p>a) New edition.</p> <p>b) key or legend for abbreviations and accronyms used in the safety data sheet:</p> <p>LD₅₀ The lethal dose for 50 % mortality of the test population relative to a control sample.</p> <p>LC₅₀ Lethal concentration for 50 % mortality of the test population relative to a control sample.</p> <p>EC₅₀ Effective concentration for 50 % mortality of the test population relative to a control sample.</p> <p>EC₁₀ Effective concentration for 10 % mortality of the test population relative to a control sample.</p> <p>IC₅₀ Inhibitory concentration to reduce the growth or growth rate of 50% of the test population relative to a control sample.</p> <p>LL₅₀ Lethal loading doses of test substance resulting in 50% mortality</p> <p>EL₅₀ Effective loading doses of test substance resulting in 50% mortality</p> <p>PBT Persistent, bioaccumulative and toxic substances.</p> <p>vPvB Very persistent and very bioaccumulative substances.</p> <p>DNEL Derived No Effect Level - derived concentration of the substance without adverse effects</p> <p>DMEL Derived Minimum Effect Level - derived minimum level at which the adverse effects</p> <p>NOAEL No Observed Adverse Effect Level - no negative effect was observed</p> <p>PNEC Predicted No Effect Concentration - an estimate of the concentration of the substance without adverse effects</p> <p>NOELR No Observed Effect Loading Rate - dosage rate without observed effect</p> <p>NOEC No Observed Effect Concentration - concentration without observed effect</p> <p>NOEL No Observed Effect Level - level without observed effect</p> <p>LOEC Lowest Observed Effect Concentration - lowest concentrations with observable effects</p> <p>ADR European Agreement concerning the international carriage of dangerous goods by road.</p> <p>RID Regulations concerning the international carriage of dangerous goods by rail.</p> <p>IMDG International maritime code of dangerous goods.</p> <p>ICAO The International Civil Aviation Organization.</p> <p>IATA International Air Transport Association.</p> <p>GHS Globally Harmonized System of Classification and Labelling of Chemical substances.</p> <p>c) important references to literature and data sources</p> <p>Initial data sources are safety data sheets of the inherent (components).</p> <p>d) in case of mixture, statement about evaluation method used for classification according to article 9 of directive (ES) number 1272/2008</p> <p>For evaluation purposes, principles of extrapolation were used. Calculation methods.</p> <p>e) List of H-sentences, whose full form is not listed in other parts.</p> <p>H225 Highly flammable liquid and vapour.</p> <p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p>	

H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for training:

As required by national legislation.

Recommended restrictions on use (i. e. non-statutory recommendations by supplier):

Product should not be used for other purposes than specified (see section 1.2). Because specific conditions of use are beyond supplier's control it is responsibility of the user to adapt notifications to local law and regulations. Safety information describe the product with regard to safety and can not be considered technical information about the product.

First edition.

