

SAFETY DATA SHEET SUPER ANTIFRIZ

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

SECTION 1: Identification of the s	substance/mixture and of the company/undertaking	
1.1. Product identifier		
Product name	SUPER ANTIFRIZ	
Product number	13200	
1.2. Relevant identified uses of th	e substance or mixture and uses advised against	
Identified uses	Antifreeze liquid.	
Uses advised against	Use only for intended applications.	
1.3. Details of the supplier of the	safety data sheet	
Supplier	PETROL OFİSİ A.Ş. Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar/ Istanbul Tel: +90 850 339 1919 Fax: +90 216 275 3854 madeniyag@petrolofisi.com.tr	
Contact person	Customer Services: madeniyag@petrolofisi.com.tr	
1.4. Emergency telephone number		
Emergency telephone	Madeni Yağ Customer Services: 0850 339 1919 (working hours)	
National emergency telephone number	Emergency Medical Services: 112 National Poison Consultance Center: 114	
SECTION 2: Hazards identification	n	
2.1. Classification of the substance	e or mixture	
Classification (EC 1272/2008) Physical hazards	Not Classified	
Health hazards	Acute Tox. 4 - H302	
Environmental hazards	Not Classified	
	NOL Classified	
2.2. Label elements		
Hazard pictograms		
Signal word	Warning	
Hazard statements	H302 Harmful if swallowed.	
Precautionary statements	P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P330 Rinse mouth. P501 Dispose of contents/ container in accordance with national regulations.	

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2.3. Other hazards	
SECTION 3: Composition/inform	nation on ingredients
3.2. Mixtures	
Ethylene glycol	80-95%
CAS number: 107-21-1	
Classification	
Acute Tox. 4 - H302	
Toliltriazolo	<1%
CAS number: 29385-43-1	
Classification	
Acute Tox. 4 - H302	
Aquatic Chronic 2 - H411	
IDROSSIDO DI SODIO	<1%
CAS number: 1310-73-2	
Classification	
Met. Corr. 1 - H290	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
The full text for all hazard staten	
Composition comments	All percentages displayed expressed as weight/weight.
Ingredient notes	See Section 8 for occupational exposure limits.
SECTION 4: First aid measures	
4.1. Description of first aid meas	sures
General information	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.



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4.2. Most important symptoms and effects, both acute and delayed		
General information	See Section 11 for additional information on health hazards.	
Inhalation	No specific symptoms known.	
Ingestion	No specific symptoms known.	
Skin contact	No specific symptoms known.	
Eye contact	No specific symptoms known.	
4.3. Indication of any immediate n	nedical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
Specific treatments	Treat symptomatically.	
SECTION 5: Firefighting measure	S	
5.1. Extinguishing media		
Suitable extinguishing media	The product is not flammable. Extinguish with foam, carbon dioxide or dry powder.	
Unsuitable extinguishing media	Foam. Water.	
5.2. Special hazards arising from the substance or mixture		
Specific hazards	None known.	
Hazardous combustion products	Not known.	
5.3. Advice for firefighters		
Protective actions during firefighting	Use special protective clothing.	
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	
SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of spray mist	

•	and contact with skin and eyes.
For non-emergency personnel	Necessary precautions should be taken to ensure that non-educated personnel do not intervene.
For emergency responders	Wear protective clothing as shown in section 8 of this safety data sheet. Notification: In case of spillage, notify the local authorities as appropriate or as necessary. Stop the leakage source if it can be done without risk.Limit spillage to prevent further contamination of soil, surface or ground water.Remove any spilled material as soon as possible by following the precautions in the section Exposure Controls / Personal Protection.Use suitable techniques such as non-flammable absorbent materials or pumping.When possible or appropriate, remove the contaminated soil from the area.Place contaminated products in disposable boxes and dispose of in accordance with regulations.If a heated material is spilled, allow it to cool before handling with disposal methods.

6.2. Environmental precautions

Environmental precautions

ons Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Methods for cleaning up	Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. If involved in a fire, shut off flow if it can be done without risk.
6.4. Reference to other sections	
Reference to other sections	For personal protection, see Section 8. See Section 1 for emergency contact information. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see section 13. See Section 7 for more information on safe handling.
SECTION 7: Handling and storag	e
7.1. Precautions for safe handling	
Usage precautions	Avoid spilling. Do not handle broken packages without protective equipment.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower. Good personal hygiene procedures should be implemented.
7.2. Conditions for safe storage, i	ncluding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in accordance with international regulations.
Storage class	Chemical storage.
7.3. Specific end use(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
Usage description	Good ventilation should be provided in the working environment and the vapor generated during use should be avoided.Avoid contact with skin and apply hygienic rules .Avoid contact with eyes.Goggles or face to prevent eye contact mask should be used.Use disposable clothing.Dispose of contaminated clothing without packaging.It should not be siphoned by mouth.
SECTION 8: Exposure controls/P	ersonal protection
8.1. Control parameters Occupational exposure limits Ethylene glycol Exposure Limits AFS 2005:17 (St OSHA (PEL): 50 ppm	veden, 6/2007)
ACGIH TLV: 50 ppm	
Ingredient comments	WEL = Workplace Exposure Limits
Biological limit values	No other information known.
DNEL	No other information known.

DMEL No other information known.

PNEC No other information known.

8.2. Exposure controls



According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Protective equipment	
Appropriate engineering controls	Provide adequate general and local exhaust ventilation.
Personal protection	Keep away from foodstuffs, beverages and foods. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Store protective clothing separately.
Eye/face protection	The following protection should be worn: Chemical splash goggles.
Hand protection	It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex).
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures	Do not smoke in work area. 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.
Thermal hazards	If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with high temperatures.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties		
Appearance	Liquid.	
Colour	Blue-green.	
Odour	Characteristic.	
Odour threshold	No specific test data are available.	
рН	pH (diluted solution): 7-11 %50	
Melting point	-40°C 50 % conc.	
Initial boiling point and range	No specific test data are available.	
Flash point	110°C OC (Open cup).	
Evaporation rate	No specific test data are available.	
Evaporation factor	No specific test data are available.	
Flammability (solid, gas)	No specific test data are available.	
Upper/lower flammability or explosive limits	No specific test data are available.	
Other flammability	No specific test data are available.	



Vapour pressure	No specific test data are available.	
Vapour density	No specific test data are available.	
Relative density	1.12 g/ml @ 20°C	
Bulk density	No specific test data are available.	
Solubility(ies)	Soluble in water.	
Partition coefficient	No specific test data are available.	
Auto-ignition temperature	No specific test data are available.	
Decomposition Temperature	No specific test data are available.	
Viscosity	No specific test data are available.	
Explosive properties	No specific test data are available.	
Explosive under the influence of a flame	No specific test data are available.	
Oxidising properties	Not known.	
Comments	No specific test data are available.	
Particle characteristic	Not applicable	
9.2. Other information		
Other information	No specific test data are available.	
Refractive index	No specific test data are available.	
Particle size	No specific test data are available.	
Molecular weight	No specific test data are available.	
Volatility	No specific test data are available.	
Saturation concentration	No specific test data are available.	
Critical temperature	No specific test data are available.	
Volatile organic compound	No specific test data are available.	
SECTION 10: Stability and reactivity		

10.1. Reactivity		
Reactivity	This product is stable under normal conditions.	
10.2. Chemical stability		
Stability	Stable at normal ambient temperatures.	
10.3. Possibility of hazardous reactions		
Possibility of hazardous reactions	Under normal conditions of storage and use, no hazardous reactions will occur.	
10.4. Conditions to avoid		
Conditions to avoid	Keep away from heat, sparks and open flame.	
10.5. Incompatible materials		



Materials to avoid	Strong oxidising agents. Aluminum Phenols, cresols.
10.6. Hazardous decomposition	products
Hazardous decomposition products	Not known.
SECTION 11: Toxicological inform	mation
11.1. Information on toxicological	effects
Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Other health effects	No other information known.
Toxicological effects	Information given is based on data of the components and of similar products.
Acute toxicity - oral	
Summary	Acute Tox. 4 - H302
Notes (oral LD₅₀)	No other information known.
ATE oral (mg/kg)	526.34
Acute toxicity - dermal	
Summary	No other information known.
Notes (dermal LD ₅₀)	No other information known.
Acute toxicity - inhalation Summary	No other information known.
Notes (inhalation LC ₅₀)	No other information known.
Skin corrosion/irritation	
Skin corrosion/irritation Summary	Based on available data the classification criteria are not met.
Skin corrosion/irritation	Based on available data the classification criteria are not met.
Animal data	Based on available data the classification criteria are not met.
Human skin model test	Based on available data the classification criteria are not met.
Extreme pH	Based on available data the classification criteria are not met.
Serious eye damage/irritation	
Summary	Based on available data the classification criteria are not met.
Serious eye damage/irritation	Based on available data the classification criteria are not met.
Respiratory sensitisation	
Summary	Based on available data the classification criteria are not met.
Respiratory sensitisation	Based on available data the classification criteria are not met.
Skin sensitisation	
Summary	Based on available data the classification criteria are not met.
Skin sensitisation	Based on available data the classification criteria are not met.



Germ cell mutagenicity	
Summary	Based on available data the classification criteria are not met.
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Based on available data the classification criteria are not met.
Carcinogenicity	
Summary	Based on available data the classification criteria are not met.
Carcinogenicity	Based on available data the classification criteria are not met.
Target organ for carcinogenicity	No specific target organs known.
IARC carcinogenicity	No other information known.
NTP carcinogenicity	No other information known.
Reproductive toxicity	
Summary	No other information known.
Reproductive toxicity - fertility	No other information known.
Reproductive toxicity - development	No other information known.
Specific target organ toxicity - sing	ile exposure
Summary	No other information known.
STOT - single exposure	Based on available data the classification criteria are not met.
Target organs	No other information known.
Specific target organ toxicity - repe	
Summary	No other information known.
STOT - repeated exposure	Based on available data the classification criteria are not met.
Target organs	No other information known.
Aspiration hazard	
Summary	No other information known.
Aspiration hazard	No other information known.
Toxicokinetics	No other information known.
General information	No other information known.
Inhalation	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Ingestion	Harmful if swallowed.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	No specific health hazards known.
Acute and chronic health hazards	No other information known.
Route of exposure	No other information known.



Target organs	No other information known.	
Medical symptoms	No other information known.	
Medical considerations	No other information known.	
11.2 Information on other hazar	ds	
Information on other hazards		
Toxicological information on ing	redients.	
	Ethylene glycol	
Acute toxicity - o	ral	
Notes (oral LD₅₀)	LD₅₀ 8,54 g/kg, Oral, Rat LD₅₀ 13,7 g/kg, Oral, Mouse LD₅₀ 6,61 g/kg, Oral, Pig	
ATE oral (mg/kg	500.0	
Acute toxicity - d	ermal	
Notes (dermal Ll	D₅o) LD₅₀ 9530 mg/kg, Dermal, Rabbit	
	Toliltriazolo	
Acute toxicity - o	ral	
Notes (oral LD₅o)	LD₅₀ >720 mg/kg, Oral, Rat LD₅₀ >4000 mg/kg, Dermal, Rabbit LC50 >0,43 mg/l, Inhalation, Rat	
ATE oral (mg/kg) 500.0	
	IDROSSIDO DI SODIO	
Acute toxicity - o	ral	
Notes (oral LD ₅₀)	LD₅₀ 333-388 mg/kg, Oral, Rabbit	
SECTION 12: Ecological inform	ation	
Ecotoxicity	Based on available data the classification criteria are not met.	
12.1. Toxicity		
Toxicity	Based on available data the classification criteria are not met.	
Acute aquatic toxicity		
Summary	Based on available data the classification criteria are not met.	
Acute toxicity - fish	No specific test data are available.	
Acute toxicity - aquatic invertebrates	No specific test data are available.	
Acute toxicity - aquatic plants	No specific test data are available.	
Acute toxicity - microorganisms	No specific test data are available.	
Acute toxicity - terrestrial	No specific test data are available.	
Chronic aquatic toxicity Summary	Based on available data the classification criteria are not met.	



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Chronic toxicity - fish early life stage	No specific test data are available.
Short term toxicity - embryo and sac fry stages	No specific test data are available.
Chronic toxicity - aquatic invertebrates	No specific test data are available.
Toxicity to soil	No specific test data are available.
Toxicity to terrestrial plants	No specific test data are available.

Ecological information on ingredients.

Ethylene glycol

		Earyione gryoor
Acute aquatic toxic	ity	
Acute toxicity - fish		LC₅₀, 24-48 hour: 20 mg/l, bluegillsunfish
Acute toxicity - aqu	atic plants	NOEC, : >700 mg/l, entosiphone sulcatum
Acute toxicity - microorganisms		LC₅₀, : 12,8 mmol/l, ciliate LC₅₀, : 92 mg/l, pseudomonas putida EC₅₀, : >1400 mg/l, microcystis aeruginosa
		Toliltriazolo
Acute aquatic toxic	ity	
Acute toxicity - fish		EC₅₀, 72 hour: 62 mg/l, LC₅₀, 96 hour: 65 mg/l, Danio rerio (Zebrafish) LC₅₀, 96 hour: 31 mg/l, Freshwater fish
Acute toxicity - aqu invertebrates	latic	EC₅₀, 48 hour: 35,4 mg/l, Daphnia magna
Acute toxicity - aqu	atic plants	LC₅₀, 96 hour: 25,5 mg/l,
		IDROSSIDO DI SODIO
Acute aquatic toxic	ity	
Acute toxicity - fish		LC₅₀, 48 hour: 213 mg/l, LC₅₀, 48 hour: 189 mg/l,
Acute toxicity - aqu invertebrates	latic	EC₅₀, 48 hour: 40,4 mg/l, Daphnia magna
12.2. Persistence and degradabili	ty	
Persistence and degradability	The produ	uct is readily biodegradable.
Phototransformation	No specifi	ic test data are available.
Stability (hydrolysis)	No specifi	ic test data are available.
Biodegradation	No specifi	ic test data are available.

Biological oxygen demandNo specific test data are available.Chemical oxygen demandNo specific test data are available.



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12.3. Bioaccumulative potential	
Bioaccumulative potential	No specific test data are available.
Partition coefficient	No specific test data are available.
12.4. Mobility in soil	
Mobility	The product is soluble in water.
Adsorption/desorption coefficient	No specific test data are available.
Henry's law constant	No specific test data are available.
Surface tension	No specific test data are available.
12.5. Results of PBT and vPvB as	ssessment
Results of PBT and vPvB assessment	No specific test data are available.
12.6 Endocrine disrupting properties	
Endocrine disrupting properties	
12.6. Other adverse effects	
Other adverse effects	No specific test data are available.
SECTION 13: Disposal consideration	tions
SECTION 13: Disposal consideration 13.1. Waste treatment methods	tions
•	tions The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.
13.1. Waste treatment methods	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in
13.1. Waste treatment methods General information	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste
13.1. Waste treatment methods General information Disposal methods	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The waste code classification is to be carried out according to the European Waste Catalogue (EWC).
13.1. Waste treatment methods General information Disposal methods Waste class	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The waste code classification is to be carried out according to the European Waste Catalogue (EWC).
13.1. Waste treatment methods General information Disposal methods Waste class SECTION 14: Transport information	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The waste code classification is to be carried out according to the European Waste Catalogue (EWC). on The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA,
13.1. Waste treatment methods General information Disposal methods Waste class SECTION 14: Transport information General	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The waste code classification is to be carried out according to the European Waste Catalogue (EWC). on The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA,
13.1. Waste treatment methods General information Disposal methods Waste class SECTION 14: Transport information General 14.1. UN number	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The waste code classification is to be carried out according to the European Waste Catalogue (EWC). on The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA,
13.1. Waste treatment methods General information Disposal methods Waste class SECTION 14: Transport information General 14.1. UN number UN number or ID number	The generation of waste should be minimised or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The waste code classification is to be carried out according to the European Waste Catalogue (EWC). on The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA,

14.3. Transport hazard class(es)

No transport warning sign required.

Transport labels

No transport warning sign required.



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14.4. Packing group	
Not applicable.	
14.5. Environmental hazards	
Environmentally hazardous subst	ance/marine pollutant
14.6. Special precautions for user	r
Not applicable.	
14.7. Transport in bulk according	to Annex II of MARPOL and the IBC Code
Maritime transport in bulk according to IMO instruments	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
SECTION 15: Regulatory information	tion
15.1. Safety, health and environm	nental regulations/legislation specific for the substance or mixture
National regulations	 T. C. Ministry of Environment and Urbanization Regulation on Safety Data Sheets on Hazardous Substances and Mixtures T. C. Regulation on the Classification, Labeling and Packaging of Substances and Mixtures No. 28848, dated 11 December 2013, by the Ministry of Environment and Urbanization.
EU legislation	Commission Regulation (EU) No 453/2010 of 20 May 2010. https://echa.europa.eu
Guidance	Workplace Exposure Limits EH40.

Approved Classification and Labelling Guide (Sixth edition) L131.

CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information



	TWA: Workplace exposure limits
in the safety data sheet	KKE: Personal protective aquipment E.U. : European union
	UZEM: National Poison Information Center
	ATE: Acute Toxicity Estimate.
	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
	CAS: Chemical Abstracts Service.
	DNEL: Derived No Effect Level.
	IATA: International Air Transport Association.
	GHS: Globally Harmonized System.
	ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
	IMDG: International Maritime Dangerous Goods.
	PBT: Persistent, Bioaccumulative and Toxic substance.
	PNEC: Predicted No Effect Concentration.
	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No
	1907/2006.
	vPvB: Very Persistent and Very Bioaccumulative.
	IARC: International Agency for Research on Cancer.
	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified
	by the Protocol of 1978.
Classification abbreviations and	Acute Tox. = Acute toxicity
acronyms	Aquatic Chronic = Hazardous to the aquatic environment (chronic)
	Met. Corr. = Corrosive to metals
	Skin Corr. = Skin corrosion
	Eye Dam. = Serious eye damage
General information	Disclaimer : 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. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution : The information in this document should be made available to all who may handle the product. Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.
General information Key literature references and sources for data	for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution : The information in this document should be made available to all who may handle the product. Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on
Key literature references and	for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution : The information in this document should be made available to all who may handle the product. Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.
Key literature references and sources for data Classification procedures according to Regulation (EC)	for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution : The information in this document should be made available to all who may handle the product. Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.
Key literature references and sources for data Classification procedures according to Regulation (EC) 1272/2008	for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. Uses and Restrictions : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier. This product is not to be used as a solvent or cleaning agent; for lighting or brightening fires; as a skin cleanser. MSDS Distribution : The information in this document should be made available to all who may handle the product. Only trained personnel should use this material. This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters. This SDS is prepared based on the information received from raw material suppliers. Acute Tox. 4 - H302: Calculation method., Supplier information
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According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended. Commission Regulation (EU) 2020/878 of 18 June 2020.

Hazard statements in full

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.