

Material Safety Data Sheet

P3-Ultrasil 115 - Membrane detergent for OSM

Product: P3-Ultrasil 115	ed 01	date: 08/1997
1. Identification of the substance/preparation and company:		
Product name	P3-Ultrasil 115	
Product nr	2908 8512 00	
Supplier	Atlas Copco Airpower nv	
Address	Boomse Steenweg 957 B2610 Wilrijk, Belgium.	
Contact number (phone)	+32 (3) 870 26 80	
Contact number (fax)	+32 (3) 870 29 03	
Center anti-poisons (for Belgium)	+32 (070) 245 245	
2. Composition/information on ingredients:		
Cleaning agent	Declaration of ingredients :	
Declaration according recommendation 89/542/EEC :	15-<30 Potassium hydroxide	
5-15 % : EDTA,	Symbol : C	
below 5 % : phosphonates, anionic surfactants, nonionic surfactants,	R-Phrases : 35	
Further ingredients : Alkalies and organic salts.	5-<15 % EDTA	
	Symbol : Xi	
	R-Phrases : 36	
3. Hazards identification:		
R35 : Causes severe burns		
4. First Aid measures:		
After inhalation	Remove to fresh air, give oxygen, keep warm, seek medical advice in hospital, delayed effects after inhalation exposure possible.	
After skin contact	Rinse with running water and soap. Skin care. Remove contaminated clothes.	
After Eye contact	Immediately flush eyes with copious amounts of running water (for 10 minutes), put on a bandage with sterile gaze, see an oculist.	
After ingestion	Drink plenty of water, see a physician.	

5. Fire fighting measures:	
Suitable extinguishing media:	Non-combustible - danger of decomposition if exposed to heat.
Extinguishing media which must not be used for safety reasons :	Not applicable.
Special exposure hazards arising from the product itself from combustion products or from resulting gases :	None known.
Special protective equipment for fire fighters :	Wear protective equipment.
6. Accidental release measures	
Personal precautions:	Keep unprotected persons away. Wear protective equipment.
Environmental protections :	Do not allow to flow into drainage system.
Methods of cleaning up/of removing :	Remove with liquid-absorbing material (sand, peat, sawdust).
7. Handling and storage:	
Handling	No special measures required.
Storage	Do not store together with edibles or other consumable substances.
8. Exposure controls/personal protection	
Information on the system design :	No further data, see item 7.
Components with specific control parameters :	None
Personal protection	Respiratory protection : if there is atomisation Hand protection : suitable protection gloves Eye protection : goggles which can be tightly sealed
9. Physical and chemical Properties	
Physical state	Liquid
Colour	Yellowish
pH	(at 10g/l H ₂ O) (20°C) 12.7
Frost sensitivity	Under 0 °C
Flash point	Aqueous preparation
Relative density	(20 °C) 1.38 g/cm ³
Solubility	(20 °C) miscible with water

10. Stability/reactivity	
Conditions to avoid:	No decomposition if used according specifications
Materials to avoid	Reacts with acids : heat released
Hazardous decomposition products:	None if used for intended purpose.
11. Toxicological information - Effects of over exposure	
Cause severe burns.	
12. Ecological information	
Persistence and degradability :	This product contains surfactants which are 90 % biodegradable by reference to the German regulation June 4, 1986.
In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological sewage treatment plants. Local discharge statutes have to be observed.	
13. Disposal considerations	
Waste incineration or special disposal with the approval of the responsible local authority.	
Waste key number according to (LAGA) (Länderarbeitsgemeinschaft Abfall) (Germany) :	52 402
14. Transport information	
Transport over land ADR/RID :	Class : 8 Number/Letter : 42b 1 st numbering of tank panel : 80 2 nd numbering of tank panel : 1814 Designation of goods : 1814 Kaliumhydroxidlösung
Transport over inland waterways ADN/ADNR :	Class : 8 Number/Letter : 42b Category : Designation of goods : Kaliumhydroxidlösung
Transport over sea IMDG :	Class : 8 UN-Nr : 1814 PG : II EmS : 8-06 MFAG : 705 Proper shipping name : Potassium hydroxide, solution
Transport by air ICAO/IATA :	Class : 8 UN/ID-Nr : 1814 PG : II Pkg-Instr. (passangerair.) : 809 Pkg-Instr. (cargo air. Only) : 813 Proper shipping name : Potassium hydroxide, solution

15. Regulatory information	
Classification and labelling according to GefStoffV:	Refer to you national legislation implementing the EEC directive 91/155/EEC
Symbols of danger :	C Corrosive
Ingredients :	Potassium hydroxide
R-phrases :	R 35 : Cause severe burns
S-phrases :	S 26 : In case of contact with eye, rinse immediately with plenty of water and seek medical advice. S 36/37/39 : Wear suitable protective clothing, gloves and eye/face protection. S 45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
National prescriptions :	WGK = 2. Classification according to Annex 2 of the "Verwaltungs-Vorschrift wassergefaehrdende Stoffe" vom 18.April 1996.
16. Other information	This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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