

SAFETY DATA SHEET

Aerofoam PA


Peracetic acid foam sanitizer

Internationally
and
Independently
Tested ✓

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER	A mixture containing Hydrogen Peroxide, Acetic Acid, Peracetic Acid
TRADE NAME	Aerofoam PA
RECOMMENDED USE	Peracetic Acid Based Foaming Sanitizer
RESTRICTIONS ON USE	None
SUPPLIER DETAILS	Sentratek Holdings Pty (Ltd) 24 Lansdowne Place Central Port Elizabeth South Africa
EMERGENCY PHONE NUMBER	+27 41 586 1400 (08:00 to 17:00 - Monday to Friday) +27 83 648 4117 (24 Hours)

2. HAZARDS IDENTIFICATION

CLASSIFICATION	Corrosive and Oxidizing
LABEL ELEMENTS	
HAZARD STATEMENTS	Warning! Causes skin irritation.
PRECAUTIONARY STATEMENTS	Avoid skin contact. Wear suitable protective clothing. Use in a well-ventilated area.
OTHER HAZARDS	Harmful if swallowed, inhaled or absorbed through the skin. Causes eye and skin burns. Causes digestive and respiratory tract burns.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL IDENTITY	Hydrogen Peroxide Based Sanitizer
COMMON NAME / SYNONYMS	Aerofoam PA

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CAS NUMBER	Hydrogen Peroxide Acetic acid Peracetic acid	7722-84-1 64-19-7 79-21-0
EC NUMBER	Hydrogen Peroxide Acetic acid Peracetic acid	231-765-0 200-580-7 201-186-8
HAZARDOUS COMPONENTS		
CHEMICAL IDENTITY	CONCENTRATION RANGE	HAZARD
Hydrogen Peroxide	< 25%	O, Xn; R22; R37/38, R41
Acetic acid	< 15%	Xi; R36/38
Peracetic acid	< 5%	C; R34

4. FIRST AID MEASURES

PRODUCT IN EYE	Hold the eyelids apart and wash/flush the eyes gently with large amounts of water for at least 15 minutes. Seek immediate medical attention.
PRODUCT ON SKIN	Immediately wash skin with copious amounts of water while removing contaminated clothing. Seek immediate medical attention.
PRODUCT INGESTED	Seek immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel as this can cause damage to mouth and throat. Never give anything by mouth to an unconscious person.
PRODUCT INHALED	Remove the individual to a well-ventilated area and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Product is not flammable. Use extinguishing media (E.g. CO ₂ / Water / Foam / Dry Powder) suitable for surrounding fire.
SPECIAL HAZARDS	Oxygen released during decomposition may support combustion in surrounding fires.
PROTECTIVE CLOTHING	Full protective suit with breathing apparatus. Goggles, gloves, safety boots etc.
OTHER INFORMATION	None

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid contact with skin. Wear suitable protective equipment. (Refer to Section 8).
ENVIRONMENTAL PRECAUTIONS	Prevent run-off into sewers or any ground or surface water-way.
CLEAN-UP METHODS	Small Spills Wash away residues with large amounts of water.

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	Large spills	Take up with absorbent materials and transfer to containers for disposal. Remaining material may be flushed away with large amounts of water.
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7. HANDLING AND STORAGE

HANDLING/STORAGE PRECAUTIONS	Avoid contact with skin and eyes. Store in a dark place away from heat and ignition sources. Avoid exposure to direct sunlight.
SUITABLE MATERIALS	Store in glass or plastic (PE / POLYPROP) containers with vented bungs.
UNSUITABLE MATERIALS	Store away from organic materials, strong bases and reducing materials. DO NOT store on wooden pallets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE STANDARDS	HSE	Not listed.
	MAK	Not listed.
	ACGIH	TLV = 1PPM = 1.4 mg/m ³ .
ENGINEERING CONTROL MEASURES		Safety showers. Adequate ventilation.
PERSONAL PROTECTION	RESPIRATORY	Breathing apparatus
	HAND	Chemically resistant gloves.
	EYE	Face shield or goggles.
	SKIN	Overalls / plastic apron / gloves / gum boots
OTHER PROTECTIVE MEASURES	None	

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	PHYSICAL STATE	Liquid.
	COLOUR	Clear colourless.
ODOUR	Acetic Acid.	
ODOUR THRESHOLD	Not available.	
PH	1.5-2.5	
MELTING POINT / FREEZING POINT	-50°C	
INITIAL BOILING POINT	114°C.	
BOILING RANGE	Not available.	
FLASH POINT	Not applicable.	
EVAPORATION RATE	Not available.	

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FLAMMABILITY(SOLID, GAS)	Non-flammable.
UPPER/LOWER FLAMMABILITY	Not available.
EXPLOSIVE LIMITS	Not applicable.
VAPOUR PRESSURE	100 Pa (38°C)
VAPOUR DENSITY	1.05
RELATIVE DENSITY	1.05 ± 0.01 Kg/L.
SOLUBILITY - WATER	Soluble.
SOLUBILITY - SOLVENT	Insoluble.
PARTITION COEFFICIENT: N-OCTANOL /WATER	Not available.
AUTOIGNITION TEMPERATURE	Not applicable.
DECOMPOSITION TEMPERATURE	Not applicable.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable under normal conditions.
HAZARDOUS REACTIONS	Strong oxidant acid
CONDITIONS TO AVOID	Contact with heat and rough surfaces. Contact with some metals.
INCOMPATIBLE MATERIALS	Reducing Agents. Strong Bases. Flammable material, Metals and Salts of Metals, Organic materials.
HAZARDOUS DECOMPOSITION PRODUCTS	Oxygen.
POLYMERIZATION	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	LD50 (Mouse) : 2 mg/kg
SKIN AND EYE CONTACT	Severe eye irritation, redness, impaired vision. Redness, pain and risk of burns on skin.
CHRONIC TOXICITY	No data available.
CARCINOGENICITY	No risk.
MUTAGENICITY	No data available.
REPRODUCTIVE HAZARDS	Does not cause birth defects.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY – FISH	Harmful to aquatic life in high concentrations.
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AQUATIC TOXICITY – DAPHNIA	Harmful to aquatic life in high concentrations.
AQUATIC TOXICITY – ALGAE	Harmful to aquatic life in high concentrations.
BIODEGRADABILITY	Readily biodegradable – decomposes to water over time.
BIO-ACCUMULATION	Not anticipated.
MOBILITY IN SOIL	No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Must comply with local, provincial and national regulations. Waste characterization and compliance with disposal regulations is the responsibility of the waste generator.
DISPOSAL OF PACKAGING	Must comply with local, provincial and national regulations. Waste characterization and compliance with disposal regulations is the responsibility of the waste generator.
SPILL RESIDUE	Recovered loads of liquids may be disposed of in a permitted waste management facility. Consult national, provincial or local disposal authorities for approved procedures.

14. TRANSPORT INFORMATION

UN NUMBER	3149
UN PROPER SHIPPING NAME	Hydrogen Peroxide and Peracetic Acid mixture.
TRANSPORT HAZARD CLASS(ES)	5.1, 8
PACKING GROUP	II
MARINE POLLUTANT	Not listed as a marine pollutant.
SPECIAL PRECAUTIONS	None.

15. REGULATORY INFORMATION

HAZARD CLASSIFICATION	C, Corrosive : O, Oxidiser
RISK PHRASES	R7, R34
SAFETY PHRASES	S3, S7, S17, S23, S26, S28, S36/37/39, S45
RSA NATIONAL LEGISLATION	Occupational Health and Safety Act (No. 85 of 1993) Regulation R1449 of 6 September 1996. Government Notice No. 17403. Regulations for Hazardous Chemical Substances. SANS 10265 - The classification and labelling of dangerous substances and preparations. SANS 10234 - Globally harmonized system of classification and labelling of chemicals (GHS).

16. OTHER INFORMATION

HAZARDOUS INFORMATION	
Xn	Harmful
O	Oxidizing
C	Corrosive
Xi	Irritant

RISK PHRASES INFORMATION	
R7	May cause fire.
R34	Causes burns.

SAFETY PHRASES INFORMATION	
S3	Keep in a cool place.
S7	Keep container tightly closed in cool place.
S17	Keep away from combustible material.
S23	Do not breathe fumes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell seek medical advice immediately (show label where possible).

PREPARATION DATE	March 2009
REVISION No.	2
COMPILED BY	C. Fourie
APPROVED BY	Don Mackay
DATE OF APPROVAL	27 Jan 2015

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