

National Fire Protection Association(NFPA)

Health	1
Fire Hazard	1
Reactivity	0

Hazardous Material Information System (HMIS)

Health
Fire Hazard
Reactivity

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name -----	AIR SCRUB
Product Use:	Industrial cleaner. Product is intended to be diluted prior to use.
MSDS#	1104091

PERSONAL PROTECTION
GLOVES AND SAFETY GLASSES
Print Date-5/17/11

COMPANY NAME AND ADDRESS

999Team Ltd
PO Box 487 BR39EY
Beckenham
TELEPHONE NUMBER
08700 789 999

EMERGENCY TELEPHONE NUMBER:
Chemtrec: 07990 500 999

SECTION 2. HAZARDOUS COMPONENTS - IDENTITY AND EXPOSURE LIMITS

Ingredients	CAS #	%	Exposure Limits	CL50/LD50
Glycerine-	56-81-5	5-25%	10 mg/m3 OSHA PELs: total dust: 15, mg/m3 TWA: respirable fractio: 5 mg/kg 1	
Borax-	1303-96-4	1-5%	OSHA/PEL (total dust): 15 mg/m3 OSHA PEL (respirable dust): 5mg/m3 Cal OSHA/PEL: 5 mg/m3 ACGIH/TLV: 2 mg/m3	

All of the ingredients of this product are listed on the TSCA inventory.

SECTION 3. HAZARDS IDENTIFICATION

Potential Acute Health Effects		
PRECAUTION	ROUTES OF ENTRY	
Safety Glasses	Eyes	May cause irritation on direct contact.
Gloves	Skin	May cause mild irritation
Ventilation	Inhalation	Low hazard for usual industrial handling.
Out of reach	Ingestion	May cause nausea and vomiting
Medical Condition Agrivated by Overexposure:		NONE

SECTION 4. FIRST AID MEASURES

Eye Contact	Flush Immediately with plenty of water. Get Medical attention if irritation occurs.
Skin Contact	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminat clothing and shoes. Get medical aid if irritation persists. Wash clothing before reuse.
Inhalation	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. Always use P3 organic filter mask in use If breathing is difficult, give oxygen. Get medical aid if irritation persists.
Ingestion	Do NOT induce vomiting. If conscious and alert, rince mouth and drink 2-4 cupfuls of milk or water. Get medical aid if irritation or symptons occur. Treat symptomatically and supportively.

SECTION 5. FIRE FIGHTING METHODS PRODUCT IS NOT COMBUSTIBLE.

Flammability of the product	Product could combust if sufficient heat is applied for a duration long enough to evaporate water portion of product.
Flash Point	193 C (379.4 F)
Combustion of the product	Product could combust if sufficient heat is applied for a duration long enough to evaporate water portion of product.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or foam.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions	See section 8.
Environmental Precautions and clean-up methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use water rinse for final clean-up.

SECTION 7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes.
Storage	Store in a Cool Dry Place that is well ventilated. Protect from Freezing. KEEP OUT OF REACH OF CHILDREN.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls	Always Use in a well ventilated area.
Personal Protection	B - GLOVES AND SAFETY GLASSES
Eyes	Always wear safety glasses when using cleaning agents.
Hands	Always wear rubber gloves when using cleaning agents.
Respiratory	Always use cleaning agents with adequate ventilation. Always wear P3 filter with organic vapour respirator during application process
Feet	No special requirements
Body	No special requirements

Section 9. PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT 290°C	SPECIFIC GRAVITY (H2O = 1) 1.47
VAPOR PRESSURE (mm Hg.) (AT 77 °F.) .0025 mm Hg @ 5	MELTING POINT Not Determined
VAPOR DENSITY (Air = 1) 3.17 (H2O=1)	EVAPORATION RATE (Water = 1) Not available
SOLUBILITY IN WATER Complete	VOLATILE ORGANIC COMPOUNDS (V.O.C.) Not available
APPEARANCE AND ODOR Clear to amber, faint odor	Ph: 9.0-9.5

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity	Product is stable. Toxic levels of sulfur dioxide, carbon dioxide, carbon monoxide will occur if product is mixed with bleach, (sodium Hypochlorite)
Conditions of instability	None
Incompatibility with various substances	Incompatible materials, ignition sources, excess heat.
Products hazardous polymerization	Will not occur

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD50/LC50- Glycerine CAS#56-81-5: Oral, mouse: LD50=4090 mg/kg; Oral, rabbit: LD50=4 mg.kg; Oral, rat: LD50=12600 mg/kg. Carcinogenicity: Glycerine - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Glycerine, CAS# 56-81-5: LC50 (96Hr.) rainbow trout=50-67 mg/L; (96Hr.) goldfish=5000 mg/L

SECTION 13. DISPOSAL CONSIDERATIONS

Waste information	Use EPA guidelines for the classification determination listed in 40 CFR. Follow UK local waste disposal rules
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SECTION 14. TRANSPORTATION INFORMATION

US DOT	Not regulated for transport.
Canada TDG	Not regulated for transport.

SECTION 15. REGULATORY INFORMATION

Reporting in section 15 is based in information on product ingredients	
US Regulations	This product is not regulated to reporting requirements under proposition 65.

SECTION 16. OTHER INFORMATION**To the Reader:**

This MSDS sheet has been prepared using sources from the manufacturer/supplier of the ingredients. This is not a warranty. All liability is beyond the seller's/supplier's control. User is responsible for the

use, handling, and storage of this product and must comply with all Federal and State laws and regulations.

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