

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Material Name: Alconox.
Catalogue Number: M030.
Other Names:
Recommended Use: Cleaning agent for Laboratory use only.

Supplier Name: ProSciTech
Street Address: 1/11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244
Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.
Hazardous and/or Dangerous Nature: HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.
Risk Phrases: R22 Harmful if swallowed.
R36 Irritating to eyes.
Safety Phrases: S2 Keep out of reach of children.
S22 Do not breathe dust.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE: **Chemical Identity:** Alconox
Common Name(s):
CAS Number(s): -

MIXTURE:

Ingredients	Cas Number(s)	Proportion (%)
Sodium dodecyl benzene sulphonate	255155-30-0	10-30
Tetrasodium pyrophosphate	7722-88-5	10-30
Sodium phosphate	7758-29-4	10-30
Sodium carbonate	497-19-8	7-13

SECTION 4 - FIRST AID MEASURES

Swallowed: Dilute with two glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting, seek immediate medical attention.
Eye: Check for and remove contact lenses. Flush eyes with clear, running water for 15 minutes while holding eyelids open: if irritation persists, consult a physician.
Skin: Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical attention if irritation persists.
Inhaled: Dilute with two glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting, seek immediate medical attention.
First Aid Facilities: Eyebath/eyewash & Safety shower.
Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Self-contained breathing apparatus required. Firefighters should wear the usual protective gear.
Hazards from Combustion Products:
Oxides of carbon (COx). Hydrocarbons.
Precautions for Fire Fighters:
Self-contained breathing apparatus required. Firefighters should wear the usual protective gear.
Hazchem Code: Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up:

Contain the spill. Recover uncontaminated material for re-use. Wear appropriate protective equipment. Contaminated material should be swept or shoveled into appropriate waste container for disposal.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling:

Keep containers closed when not in use. Store away from strong acids or oxidizers. Store in a cool, dry and well ventilated area.

Conditions for Safe Storage:

Keep containers closed when not in use. Store away from strong acids or oxidizers. Store in a cool, dry and well ventilated area.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: Tetrasodium pyrophosphate: TWA 5 mg/m³.

Biological Limit Values: No biological limit allocated.

Engineering Controls:

Local exhaust at points of emission.

Personal Protective Equipment:

Gloves/Type: Neoprene or rubber gloves.

Respiratory/Type: If exposure limit is exceeded, wear a NIOSH approved respirator.

Eye/Type: Safety glasses with side-shields.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: As required to prevent skin contact.

Other/Type: Eye wash facility should be in close proximity. Emergency shower should be in close proximity.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Solid White granular powder.

Odour: Almost odourless.

pH: (1% aqueous solution) 9.5

Vapour pressure (mm of Hg at 25°C): Not applicable.

Vapour density: Not applicable.

Boiling point/range (°C): Not applicable.

Freezing/melting point (°C): Not applicable.

Solubility: 100 - > 10% w/w.

Specific gravity or density: (water = 1) 0.85 - 1.10

Flash Point: Not available.

Flammable (explosive) limits: Not available.

Ignition temperature: Not available.

Additional Information:

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Keep away from incompatible materials.

Incompatible Materials: Strong acids. Strong oxidizers.

Hazardous Decomposition Products: Oxides of carbon (CO_x). Hydrocarbons.

Hazardous Reactions:

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Exposure and Health Effects: Contains an ingredient which may be corrosive.

Ingestion:

May cause vomiting and diarrhea. May cause abdominal pain. May cause gastric distress.

Inhalation:

Airborne particles may cause irritation.

Skin Contact:

Airborne particles may cause irritation.

Eye Contact:

May cause irritation.

Human/Animal data: SODIUM DODECYLBENZENESULFONATE:
LD50 438 mg/kg – Rat Oral
LD50 1330 mg/kg – Mouse Oral

TETRASODIUM PYROPHOSPHATE:
LD50 4000 mg/kg – Rat Oral
LD50 2980 mg/kg – Mouse Oral

SODIUM CARBONATE:
LD50 4090 mg/kg - Rat Oral.
LD50 6600 mg/kg – Mouse Oral.
LC50 2300 mg/m³/2h – Rat Inhalation
LC50 1200 mg/m³/2h – Mouse Inhalation

SODIUM PHOSPHATE:
LD50 3120 mg/kg – Rat Oral.
LD50 3100 mg/kg – Mouse Oral
LD50 >4640 mg/kg – Rabbit Dermal

Carcinogenicity: Not listed as a carcinogen.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
Persistence and degradability: Not available.
Mobility: Not available.
Additional Information: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods:
Dispose in accordance with local, state and federal laws.
Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number: Not regulated.
UN Proper Shipping Name: Not regulated.
Class and Subsidiary risk: Not regulated.
Packing Group: Not regulated.
Special Precautions for User: Not available.
Hazchem Code: Not available.

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated.

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: August 10
Comments:

List of Publications referenced when creating this MSDS;

- Hazardous Substances Information System Consolidated Lists: Safe Work Australia.
- APPROVED CRITERIA FOR CLASSIFYING HAZARDOUS SUBSTANCES [NOHSC:1008(2004)] 3rd Edition: National Occupational Health and Safety Commission.
- Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997).
- IATA Dangerous Goods Regulations.
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)].
- Australia Standard for the Uniform Scheduling of Drugs and Poisons [SUSPD] (Australian Government Department of Health and Ageing).

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the National code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. The information published in this MSDS has been compiled from the publications listed in Section 16: to the best of our ability and knowledge these publications are considered accurate. We reserve the right to revise Material Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.

... End of MSDS ...