



MATERIAL SAFETY DATA SHEET

Sodium Molybdate

1. IDENTIFICATION

Product Name	Sodium Molybdate.
Chemical Name	None allocated.
Other Name/s	None allocated.
Manufacturers Name	Nutri-Tech Solutions Pty Ltd.
Telephone Number	+61 (0)7 5472 9900.
U.N. Number	None allocated.
Dangerous Goods Class	None allocated.
Secondary Risk	None allocated.
Hazchem Group	None allocated.
Pack Group	None allocated.
EPG	None allocated.
Poisons Schedule	None allocated.
Uses	Fertiliser, soil additive.

1.1 Emergency Contact Points

Police and Fire Brigade	000.
If ineffective	13 22 03 (Exchange).
For emergency response	1800 625 526.
National Poisons Information Centre	13 11 26 (from anywhere in Australia).

1.2 Physical Description/Properties

Appearance	White free-flowing crystalline solid.
Chemical Formula	$\text{Na}_2\text{MoO}_4 \cdot 2\text{H}_2\text{O}$.
Odour	Odourless.
PH	No data available.
Flammability	Non combustible.
Solubility in Water	56% @ 20°C and 84% @100°C.
Lower Explosion Limit	No data available.
Upper Explosion Limit	No data available.
Relative Density	No data available.
Specific Gravity	3.28
Melting Point	687°C
Boiling Point	No data available.
Vapour Pressure	No data available.
Evaporation Rate	No data available.





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- Reactivity Data No data available.
- 1.3 Other Properties No data available.
- 1.4 Ingredients Sodium molybdate CAS 7631-95-0 >98%.

2 HEALTH HAZARD INFORMATION

2.1 Health Effects

- General Prevent dispersion of dust.
- Ingestion May be harmful if swallowed. Acute poisoning by ingestion causes abdominal pain, nausea, hypertension (high blood pressure).
- Eye Contact May cause irritation, redness and pain.
- Skin Contact May be harmful in contact with the skin. May cause irritation, redness and pain. May be harmful if absorbed through the skin.
- Inhalation May be harmful by inhalation. Acute poisoning by inhalation causes nose irritation.

2.2 First Aid and Emergency Procedures

- Ingestion Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Do not induce vomiting. Seek medical attention.
- Eye Contact Immediately flush with plenty of water for at least 15 mins. Eyelids to be held open. Consult a physician.
- Skin Contact Wash effected areas with copious quantities of water immediately. Remove contaminated clothing and wash before re-use. Seek medical advice if effects persist.
- Inhalation Remove victim to fresh air. Employ artificial respiration if indicated. Seek medical attention.

2.3 First Aid Facilities Eye bath station and safety shower.

2.4 Advice to Doctor Treat symptomatically. Early administration of EDTA can hasten recovery, but it is of little value in cases of long standing.

2.5 Toxicity Data No data available.

3 PRECAUTIONS FOR USE

3.1 Conditions to Avoid Avoid generation of large quantities of dust.

3.2 Materials to avoid No data available.





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3.3 Engineering Controls..... In industrial situations maintain the concentration values below the TWA. This may be achieved by by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

3.4 Personal Protection

- Respirator..... Respiratory protection should comply with AS 1716. In the event of an emergency or planned entry into unknown concentrations a SCBA should be used.
- Eye Protection..... The use of a face shield, chemical goggles or safety glasses with side shields complying with AS1337 should be used.
- Gloves..... Occupational protective gloves complying with As2161 should be used.
- Clothing..... Protective clothing complying with AS 3765 should be worn, preferably with an apron.
- Work/Hygienic Practices..... Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

3.5 Special Fire Fighting Procedures..... Full SCBA recommended.

3.6 Flammability..... Not flammable. Gives off irritating or toxic fumes or gases in fire.





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4 SAFE HANDLING INFORMATION

- 4.1 Storage/Transport. Store in a cool, dry place. Store in a well ventilated area. Keep containers closed at all times.
- 4.2 Packaging/Labelling
 - UN No Not applicable.
 - Pack Group Not applicable.
 - Class Not applicable.
 - Hazchem Code Not applicable.
 - Subs Risk Not applicable.
 - EPG No Not applicable.
 - Shipping Name. sodium molybdate.
 - Hazard None.
- 4.3 Spills and Disposal
 - Spilled Material. Do NOT touch or walk through this product. Stop leak if safe to do so. Prevent entry into waterways, drains and confined areas. Prevent dust cloud.
 - Disposal Dispose of in accordance with all local, state and federal regulations.
- 4.4 Fire/Explosion Hazard
 - Fire/Explosion Material is not combustible, but gives off irritating or toxic fumes or gases in a fire. Containers may explode when heated. Runoff may pollute waterways.
 - Extinguishing Media Use media appropriate to surrounding fire conditions.
- 5 OTHER INFORMATION None allocated.

DISCLAIMER

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. **Nutri-Tech Solutions P/L**, assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

