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**Safety Data Sheet SupaMoly**

**UPDATED: 24/01/2025**

1. **IDENTIFICATION AND SUPPLIER**

**1.1)Product Identifier**

Product Name: SupaMoly

Synonym(s): 2% Molybdenum

**1.2) Uses**

Intended Use: For Fertiliser

**1.3) Supplier Details**

Supplier Name: Dickie Direct Ltd

Supplier Address: 25 Railway Rd, Whakatu, Hastings 4172

Supplier Contact: 0800 4 DICKIE (4 34254)

Supplier Website: [www.dickiedirect.co.nz](http://www.dickiedirect.co.nz)

**1.4) Emergency Contact Numbers**

National Poisons Information Centre: 0800 POISON (764 766)

Emergency (In Storage): 0800 CHEMCALL (243 622)

Emergency (In Transit): 111 (Advise of Fire, Ambulance or Police)

1. **HAZARDS IDENTIFICATION**

**2.1) Classification of Substance**

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not regulated for transport of Dangerous Goods.

**2.2) Hazard Classification**

6.3B Substances that cause mild irritation to the skin.

6.4A Substances that cause serious irritation to the eye.

6.5A Substances that may cause allergy or asthma symptoms or breathing difficulties if inhaled.

6.5B Substances that may cause an allergic skin reaction.

**3. COMPOSITION INFORMATION**

**3.1) Substances and Mixtures**

Ingredient: Calcium Carbonate

CAS NO: 471-34-1

Content >90%  
  
Ingredient: Sodium Molybdate Dihydrate

CAS NO: 10102-40-6

Content 4-5%  
  
Ingredient: Non-hazardous ingredients

Content To bal

**4. FIRST AID MEASURES**

Eyes: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by the National Poisons Information Centre, a doctor, or for at least 15 minutes. Get medical advice if persists.

Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running soap and water. If skin irritation occurs, get medical advice/attention.

Ingestion: Do not force the person to vomit. Thoroughly rinse their mouth with water. Avoid giving anything orally to someone who is unconscious. If they vomit, ensure they are lying on their stomach with their head turned to the side and positioned lower than their hips to prevent vomit from entering the lungs. For advice, contact the National Poison Information Centre 0800 764 766 or a doctor (at once).

**5. FIRE FIGHTING MEASURES**

**5.1) Extinguishing Media**

Use an extinguishing agent suitable for the surrounding fire.  
Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2) Special hazards arising from the substance or mixture**

Non-flammable. May evolve toxic gases when heated to decomposition.

**5.3) Advice for Firefighters**

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**5.4) Hazchem Code**

None allocated

**6. ACCIDENTAL RELEASE MEASURES**

**6.1) Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Ventilate area where possible.

**6.2) Environmental precautions**

Prevent product from entering drains and waterways.

**6.3) Methods of cleaning**

Contain spillage, then collect and place in suitable containers for disposal. Avoid generating dust.

**6.4) Reference to other Sections**

See Sections 8 and 13 for exposure controls and disposal.

**7. HANDLING AND STORAGE**

**7.1) Precautions for safe handling**

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

**7.2) Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs.

**7.3) Specific end use(s)**

Intended for use as a fertiliser.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1) Control parameters**

Exposure standards

No exposure standards have been entered for this product.

Biological limits

No biological limit values have been entered for this product.

**8.2) Exposure controls**

Engineering controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

PPE

Eye / Face:

Wear dust-proof goggles.

Hands:

Wear PVC or rubber gloves.

Body:

When using large quantities or where heavy contamination is likely, wear coveralls.

Respiratory:

At high dust levels, wear a Class P1 (Particulate) respirator.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1) Information on basic physical and chemical properties**

Appearance: Light Blue granules

Odour: Low odour

Flammability: Non flammable or combustible

Flash point Not relevant

Boiling point Not relevant

Melting point Not available

Evaporation rate Not relevant

pH Not available

Vapour density Not relevant

Specific gravity xxxx tonne/m³ (Bulk)

Vapour pressure Not relevant

Upper explosion limit Not relevant

Lower explosion limit Not relevant

Partition coefficient Not available

Autoignition temperature Not available

Decomposition temperature Not available

Viscosity Not available

Explosive properties Not available

Oxidising properties Not available

Odour threshold Not available

**9.2) Other information**

% Volatiles Not relevant

**10. STABILITY AND REACTIVITY**

**10.1) Chemical stability**

Stable under recommended conditions of storage.

**10.2) Possibility of hazardous reactions**

Not available.

**10.3) Conditions to avoid**

Direct sunlight.

**10.4) Incompatible materials**

Not available.

**10.5) Hazardous decomposition products**

Not available.

**11. TOXICOLOGICAL INFORMATION**

**11.1) Information on toxicological effects**

Not applicable.

**12. ECOLOGICAL INFORMATION**

**12.1) Hazard Classifications**   
This product is not hazardous to the environment.

**13. DISPOSAL INFORMATION**

**13.1) Waste treatment methods**

Product Disposal:

Triple rinse and dispose according to Local Regulations.

Packaging (Bulk Bag) Disposal:

Ensure bulk bags are completely empty and recycle where possible.

**14. TRANSPORT INFORMATION**

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

UN Number: None Allocated

Proper Shipping Name: None Allocated

Hazard Class: None Allocated

Packing Group: None Allocated

**15. REGULATORY INFORMATION**

**15.1) Regulatory Publications Reference**

* EPA Hazardous Substances (Classification) Notice 2017
* New Zealand HSNO Classification
* Transport of Dangerous goods on land NZS 5433:2012

**16. OTHER INFORMATION**

Additional information

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air-powered or air-supplied respirators should be considered where prolonged or repeated use is necessary.

EXPOSURE STANDARD: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: Strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES: The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE: It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.