

SAFETY DATA SHEET

The information contained in this Safety Data Sheet is provided in good faith and is believed to be correct as at the date hereof. However, it is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. The Proprietor makes no representation as to the accuracy or comprehensiveness of the information. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of the use of the product are therefore assumed by the user and we expressly disclaim all warranties of any kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Appropriate warnings and safe handling procedures should be provided to handlers and users.

1. PRODUCT AND COMPANY IDENTIFICATION

MIRACULOUS MINERAL MOVER

Cosmos and Damian Limited

31 Waitete Road, Te Kuiti, New Zealand Mailing Address: P.O.BOX 6013, Ulrich, Hamilton 3206 Phone: 0800 366 292 E-mail: info@xclean.co.nz Website: www.xclean.co.nz

EMERGENCY CONTACT: Phone 0800 366 292, Mon to Fri - 8am to 5pm

After Hours: National Poisons & Hazardous Chemical Information Centre: 0800-764-766 (0800-POISON)

2. HAZARD IDENTIFICATION

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017. This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.

- 6.1D (Oral) Harmful if swallowed.
8.2B Causes severe skin burns and eye damage.
8.3A Causes serious eye damage.
9.3B Toxic to terrestrial vertebrates
Cleaning Products Corrosive Group Standard: HSR002526
Signal Word: Danger

3. COMPOSITION & INFORMATION ON INGREDIENTS

Water.....>60%
Oxalic Acid Dihydrate (CAS# 6153-56-6)..... 10 - 30%
Thickener<10%
Sequestering Agent and Surfactant.....<10%

4. FIRST AID MEASURES

CONTACT WITH EYES Rinse eyes with running water holding back eyelids for 15 minutes. If irritation persists, seek immediate medical advice with transport to hospital or emergency clinic possible.
CONTACT WITH SKIN Wash affected area with copious volumes of water (use emergency shower). If clothing is contaminated, remove and wash the affected skin area. If irritation or swelling occurs, seek medical advice.
AFTER INHALATION If the patient is exposed to a dust cloud, remove from exposure to a comfortable location and seek medical advice.
AFTER INGESTION Do Not Induce Vomiting. Administer 2 glasses of water or milk and seek immediate medical advice. Transport to hospital or emergency clinic without delay.
ADVICE TO DOCTOR Treat patient for acute exposure to material with corrosive and toxic effects. Have this SDS or a product label on hand.

5. FIRE FIGHTING MEASURES

This product is neither flammable nor combustible. Packages subject to the heat of a fire may burn scattering contents in the vicinity. If water is used to fight the fire, dissolved powder will flow to the lowest levels. Where possible remove all packaging from the path of a fire while still dry. Firefighters must wear SCBA and chemical resistant suits. Firefighters should use foam, CO₂, or dry chemical powder to extinguish a fire in the vicinity. Water jet, spray, or fog on large fires only.

6. ACCIDENTAL RELEASE MEASURES

Spills on floors will produce a slippery surface. Signage preventing foot traffic should be erected where appropriate.

Minor spills (up to 20 litres) should be diluted with water, neutralised where possible and removed with mops, absorbed with Mineral Sponge, dry rags, paper, sand, or soil. It may be possible to drain small neutralised spills to wastewater where this is permitted.

Large spills (drums and IBCs) should be contained from local drainage with any suitable bund or barrier. If possible dilute the spill without increasing the possibility of non-containment, and clean up with absorbent material such as Mineral Sponge, dry earth, sand, or soil. Where a liquid suction cleaning machine is available, it should be used only after neutralising the spill.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep out of reach of children. Read label before use. Keep only in original container. Do not breathe spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves, protective clothing and eye /face protection.



7. HANDLING AND STORAGE

Precautions for safe storage: Store in corrosive resistant with a resistant inner liner or in original container. Store locked up. Store drums and carboys with secure closures in sites where they can be kept cool and dry, and away from heat sources. Always replace lids and caps after using the product. Return all packages to safe storage as soon as possible after use.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure controls.....No data is available for the product. Oxalic Acid Dihydrate: WES is 10 mg/cu m.
Eye protectionSafety glasses.
Protective clothingChemically impregnable gloves, work shoes, protective work clothes (an apron or overalls).
Respiratory protection.....Should the operator be subject to dust in the routine handling of this product, a mouth and nose filter guard should be used. If subject to regular dust clouds a respirator should be used.
VentilationWhere an operator is subject to dusty conditions, ensure there is ready access to eyewash units and safety shower. Also ensure adequate ventilation is provided in the work space.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Beige, thick creamy gel	Specific Gravity	Not applicable
Odour	None	Refractive Index	6 - 8 %, Brix
pH 0.5 -1.5		Viscosity.....	10,000 - 11,000cps at 20 degree C
Flash Point	Not applicable	Solubility in water.....	Completely in all proportions
Ignition Point	Not applicable		

10. STABILITY AND REACTIVITY

The product is considered stable under normal storage conditions.
Avoid contamination with oxidising substances.
Hazardous polymerisation will not occur.
Combustion of this product will release oxides of carbon.

11. TOXICOLOGICAL INFORMATION

No data is available for the product. Oxalic acid dihydrate: Oral LD50 Rat 375 mg/kg. Dermal LD50 Rat 2000 mg/kg.

12. ECOLOGICAL INFORMATION

No data is available for the product. Oxalic acid dihydrate: no data is available.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill or incineration is the preferred method. Spilled liquids may be neutralised, diluted, and disposed of through town wastewater systems where these are authorised for industrial use. Wash empty plastic containers before recycling.

14. TRANSPORT INFORMATION

NZ Land Transport Rule: Dangerous Goods Rule 2005	Classified as a Dangerous Goods for Land Transport in New Zealand.
UN Number: 3261	
Dangerous Goods Class: 8	
Proper shipping name: Corrosive Solid, Acidic, Organic, N.O.S (contains Oxalic Acid Dihydrate)	
Hazchem Group: 2X	
Packing Group: III	

15. NZ REGULATORY INFORMATION

This material is hazardous according to the criteria of the Health & Safety at work (Hazardous substances) Regulations 2017.
This material is hazardous according to the EPA Minimum Degrees of Hazard and Classification Notices 2017.
Cleaning Products Corrosive Group Standard: HSR002526
Limit and monitor exposure during the use of the product. Make use of suitable equipment for handling the product.
Wear suitable protective clothing while being used. Limit exposure to the environment.
Dispose of waste or spilt material only through a recognised expert company.

16. OTHER INFORMATION

Formulation reference and version number: J1-139, P249 Version 11 or FC-XCOARB
This SDS was prepared from data available on 24 July 2019
This SDS was printed on 8 May 2023
This SDS will be reviewed no later than 8 May 2028

