

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION:

OXALIC WASH

A reductive laundry bleach for removing discolourations due to metallic stains and for rejuvenating white fabrics.

CHEMICAL SOLUTIONS LTD

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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.

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| 6.1D Harmful if swallowed or skin contact occurs. | 8.1A May be corrosive to metals. |
| 6.8C May cause harm to breast feed children | 8.3A Causes serious eye damage |
| 6.9B May cause damage to body organs. | 9.3A Very toxic to terrestrial vertebrates |

Cleaning Products Corrosive Group Standard: HSR002526

Signal Word: **Danger**

3. COMPOSITION & INFORMATION ON INGREDIENTS:

Oxalic Acid dihydrate (CAS# 6153-56-6)	100 %
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4. FIRST AID MEASURES:

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| 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 if moisture is around. Signage preventing foot traffic should be erected where appropriate. Spills should be carefully contained from spreading beyond the spill area and swept up with brooms and shovels or a mechanical vacuum cleaner if appropriate for corrosives, and the debris placed in open top-drums which can be closed and removed to landfill.

7. HANDLING AND STORAGE:

Store sealed unopened bags in sites where they can be kept cool and dry, and away from heat sources.
Handle to prevent damage to packages. Should packaging become damaged, repack into clean and dry bags, or containers of a suitable type to hold the powder and mark the product name carefully on the bag or container.
After using the product, always close the inner liner plastic bag, then fold over the top of the outer bag and seal closed with adhesive tape.
After use, return all packages to safe storage as soon as possible.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

Exposure controls:	WES is 10 mg/cu m.
Eye protection:	Safety glasses.
Protective clothing:	Chemically 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.
Ventilation:	Where 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	White crystalline powder
Odour	None
pH	1.5 for a 1 % solution
Flash Point	Not applicable
Ignition Point	Not applicable
Specific Gravity	Not applicable
Refractive Index	Not applicable
Viscosity	Not applicable
Relative Foam	Not applicable
Solubility in water	Completely

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:

Oxalic acid: Oral LD50 Rat 375 mg/kg. Dermal LD50 Rat 2000 mg/kg

12. ECOLOGICAL INFORMATION:

Oxalic acid: no data is available.

13. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with local regulations by recognised waste disposal experts. Landfill is the preferred method.
 Spilled powders should be recovered by broom and shovel into open ended drums which can be closed prior to disposal.
 Used bags should be disposed of in landfill or incinerated.

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 NOS (Oxalic acid)
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
 HSNO Act Controls Regulations 2001 for
 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: OXALIC WASH, FK-W05
 This SDS was prepared from data available on 31 August 2019
 This SDS was printed on 19 August 2021
 This SDS will be reviewed no later than 31 August 2024

END OF THIS SAFETY DATA SHEET