

Material Safety Data Sheet
According to ISO 11014-1:1994(E)

Page 1 of 4
Dated 15/06/13

1. IDENTIFICATION OF SUBSTANCE

Name: Aluminate™

Manufacturer: U.S.Procurements Ltd
PO Box 823
Whangaparaoa 0932

Information Department: info@evapo-rust.co.nz

Emergency Information: 24hr 0800 764 766

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization/Description: Reducing agent and chelator

Synonym(s): None

Dangerous Components

Chemical Name	CAS#	OSHA PEL	TLV	%
WT%				
*Sodium Bisulfite	7631-90-5	5mg/m3 TWA		3

*These chemicals are subject to reporting requirements of section 313 of the Emergency Planning and Right -To-Know Act of 1986 and of 40 CFR 372.

3. HAZARDS IDENTIFICATION

Hazard Description: None

NFPA Ratings (scale 0-4):

Health:	0
Fire:	0
Reactivity:	1

4. FIRST AID MEASURES

Inhalation: Remove to fresh air

Skin Contact: Wash all affected skin areas with soap and water after use.

Eye Contact: Flush eyes with running water.

Ingestion: If swallowed seek medical attention. Do not give anything by mouth to an unconscious person.

Material Safety Data Sheet

According to ISO 11014-1:1994(E)

TRADE NAME: Aluminate™

Page 2 of 4

Dated: 15/06/13

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Agents: Dry chemical, carbon dioxide, foam, or water spray. Use appropriate extinguishing media for surrounding fire.

Protective Equipment: Self-contained breathing apparatus and protective equipment for fire fighting.

6. ACCIDENTAL RELEASE MEASURES

Personnel Precautions: None

Environmental Precautions: Adequate ventilation

Measures for Cleaning/Collection: Use absorbent paper to pick up all liquid spill material. Wash all contaminated surfaces with water.

7. HANDLING AND STORAGE

Handling: None

Storage: Store in a cool area

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Adequate ventilation is recommended.

Control Parameters: None

Chemical Limit Reference: N/A

Personal Protective Equipment:

Respiratory Protection: None necessary under conditions of normal use.

Skin Protection: None required.

Eye Protection: Safety glasses are recommended when working with any cleaning agent.

Material Safety Data Sheet

According to ISO 11014-1:1994(E)

TRADE NAME: Aluminate™

Page 3 of 4

Dated: 15/06/13

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

pH: 5.5

Color and Odor: Clear colorless, sulfite odor

Boiling/Freezing Points (° C): Approx. same as water.

Flashpoint (° C): N/A **Auto-ignition Temperature (° C):** N/A

Explosion Properties: N/A

Vapor Pressure (mm Hg): N/A **Vapor Density (air = 1):** N/A

Specific Gravity (water = 1): 1.04

Solubility: Soluble in water (aqueous solution).

10. STABILITY AND REACTIVITY

General: This product is stable.

Materials to Avoid: Oxidizing agent, strong acids or bases

Hazardous Decomposition Products. CO, SO₂

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No test data

Acute Dermal Toxicity: Non-Toxic. The LD₅₀ for this product is greater than 2000 mg/kg.

Dermal Irritation: Not a primary skin irritant Primary Dermal Irritation Index (PDII): 0.9

Ocular Irritation: No test data

Signs/Symptoms of Overexposure: Sore throat indicates need for better ventilation.

Chronic Toxicity: This product is not considered a carcinogen by NTP, IARC or OSHA.

12. ECOLOGICAL EFFECTS

None anticipated under normal conditions of use.

Material Safety Data Sheet

According to ISO 11014-1:1994(E)

TRADE NAME: Aluminate™

Page 4 of 4

Dated: 15/06/13

13. DISPOSAL CONSIDERATIONS

Dispose of all waste and contaminated materials associated with this chemical as specified by existing local, state and federal regulations concerning waste disposal.

14. TRANSPORT INFORMATION

Proper shipping name (DOT):

Compound Cleaning Liquid Non-Hazardous Class 55

UN/ID number: None

Packing group: N/A **Labels required:** None

15. REGULATORY INFORMATION

None reported.

16. OTHER INFORMATION

This information is based on our present knowledge; however this shall not constitute a guarantee for any specific product features. No toxicity data are available on this specific formulation; this health hazard assessment is based on information that is available for its components.

All Rights reserved by U.S. Procurements Ltd