

MATERIAL SAFETY DATA SHEET

Print date: 22-Sep-2014

Revision Number: 0

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: RIDSCALE-AL
Article Code:
Synonyms: No information available
Chemical characterisation: No data is available on the product itself.

Supplier:
 Worthington Compressor Services
 3200 Engineering Parkway
 Alpharetta, Georgia 30004
 Phone: (800) 892-6189
 Fax: (770) 521-9995

Emergency telephone number

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m ³):	OSHA (TWA mg/m ³):
Sulfamic Acid	5329-14-6	None	None
Dipropylene glycol monomethyl ether	34590-94-8	100 ppm	100 ppm

Note for Non-Hazardous Components Components not precisely identified above are non-hazardous as defined by applicable laws.

3. HAZARDS IDENTIFICATION

Properties affecting health: None.
Principle routes of exposure: Skin. Cornea. Conjunctiva. Respiratory system.
Skin contact: Substance does not generally irritate and is only mildly irritating to the skin.
Eye contact: Avoid contact with eyes.
Inhalation: Avoid breathing vapors or mists. May cause irritation of respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Skin contact: Rinse with plenty of water. If symptoms persist, call a physician.

Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Inhalation:	In the case of inhalation of aerosol/mist consult a physician if necessary. Move to fresh air.
Ingestion:	Do not induce vomiting. Rinse mouth. Drink plenty of water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Dry chemical, Carbon dioxide (CO₂), Water spray, Foam

Extinguishing media which must not be used for safety reasons:

The product is not flammable.

Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.

Specific hazards:	In the event of fire and/or explosion do not breathe fumes
Unusual hazards:	No hazards to be especially mentioned
Specific methods:	Standard procedure for chemical fires.

Flash point:	Not applicable.
Autoignition temperature:	No information available

Flammability Limits in Air:

Lower	No information available
Upper	No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Use personal protective equipment
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Contain all contaminated water for removal and treatment.
Methods for cleaning up:	Neutralise with Soda Ash. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions:	Use only in area provided with appropriate exhaust ventilation
Safe handling advice:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

Storage

Technical measures/storage conditions:	Keep away from direct sunlight.
Incompatible products:	No special restrictions on storage with other products

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory protection:	No personal respiratory protective equipment normally required. Breathing apparatus needed only when aerosol or mist is formed.
Hand protection:	Preventive skin protection.
Skin and body protection:	Chemical resistant apron.

Eye protection:
Hygiene measures:

Safety glasses.
Avoid contact with skin, eyes and clothing..



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Liquid
Color:	Clear Yellow	Odor:	None
Specific gravity:	1.057	pH:	1
Boiling point/range	214 (°F)	Evaporation rate:	Not determined
Vapor density:	Not determined	Vapor pressure:	30 mm Hg est.
Solubility:	Soluble.		

10. STABILITY AND REACTIVITY

Stability:	No hazards to be especially mentioned
Polymerization:	None under normal processing.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours., Sulphur oxides
Materials to avoid:	Incompatible with bases. Inorganic acid chlorides. Cyanides. Sulphides.
Conditions to avoid:	Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available

12. ECOLOGICAL INFORMATION

Mobility: No information available.

Bioaccumulative potential: No information available.

Ecotoxicity effects: No data available.

Aquatic toxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.

Contaminated packaging: Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT
Proper shipping name: Not Regulated

TDG (Canada)
Proper shipping name: Not Regulated

14. TRANSPORT INFORMATION

IMO / IMDG

Proper shipping name: Not Regulated

ICAO

Proper shipping name: Not Regulated

IATA

Proper shipping name: Not Regulated

15. REGULATORY INFORMATION

International Inventories

PICCS: This product complies with phil:

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

ENCS: This product does not comply with JPENCS

CHINA: This product complies with china:

AICS: All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

KECL: This product complies with korea:

EINECS/ELINCS This product does not comply with EINECS/ELINCS

U.S. Regulations:

Sulfamic Acid

NJRTK: Substance no. 1770 Listed.

Dipropylene glycol monomethyl ether

MARTK: Listed.

NJRTK: Substance no. 0804 Listed.

PARTK: Listed.

RIRTK: Listed.

ILRTK: Listed.

Sara (311, 312) hazard class:

Acute Health Hazard

Canada

WHMIS hazard class:

Not determined

16. OTHER INFORMATION

NFPA Health: 1 Flammability: 1 Instability: 0

HMIG Health: 1 Flammability: 1 Reactivity: 0

NFPA symbol:



Reason for revision: Not applicable

Prepared by:

Health & Safety

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.