

MATERIAL SAFETY DATA SHEET

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

Product Name: RIDSCALE-CC
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):
Hydrochloric acid	7647-01-0	None	7 mg/m ³ 5 PPM
Dipropylene glycol monomethyl ether	34590-94-8	100 ppm	100 ppm

3. HAZARDS IDENTIFICATION

Properties affecting health: None.
Principle routes of exposure: Skin. Respiratory system.
Skin contact: Moderately irritating to the skin.
Eye contact: Moderately irritating to the eyes.
Inhalation: May cause irritation of respiratory tract.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.
Skin contact: Wash off immediately with plenty of water. Consult a physician if necessary. Remove and wash contaminated clothing before re-use.

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

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable

Extinguishing media which must not be used for safety reasons:

Not applicable.

Special protective equipment for firefighters:

Standard procedure for chemical fires

Specific hazards:	In the event of fire and/or explosion do not breathe fumes
Unusual hazards:	No hazards resulting from the material as supplied
Specific methods:	Not applicable..

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:	Should not be released into the environment.
Methods for cleaning up:	Neutralise with Soda Ash or Lime. Dilute with plenty of water.

7. HANDLING AND STORAGE

Handling

Technical measures/precautions:	Use only in area provided with appropriate exhaust ventilation
Safe handling advice:	Use only in well-ventilated areas. Avoid contact with skin and eyes.

Storage

Technical measures/storage conditions:	Keep in properly labelled containers. Freezing will affect the physical condition but will not damage the material. thaw and mix before using.
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:	Do not inhale aerosol.
Hand protection:	Nitrile rubber.

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection: Safety glasses

Hygiene measures: Avoid contact with skin, eyes and clothing.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Liquid
Color:	Light yellow	Odor:	Pleasant
Specific gravity:	1.056	Boiling point/range	214 (°F)
Evaporation rate:	Not determined	Vapor density:	Not determined
Vapor pressure:	30 mm Hg estimated	Solubility:	Soluble.

10. STABILITY AND REACTIVITY

Stability:	Stable
Polymerization:	Hazardous polymerisation does not occur.
Hazardous decomposition products:	Chlorine and hydrogen gas may be released at high temperatures.
Materials to avoid:	Strong oxidising agents. Strong bases. Dissolves aluminium and zinc slowly with formation of hydrogen..
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: Solutions with low ph-value must be neutralised before discharge. Dispose of in accordance with local regulations.

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

14. TRANSPORT INFORMATION

DOT

Proper shipping name: Not Applicable by Ground Transportation only

TDG (Canada)

Proper shipping name: Corrosive Liquid, Acidic, Inorganic, n.o.s. (contains Hydrochloric Acid)

UN-No: UN3264

Hazard Class: 8

14. TRANSPORT INFORMATION

Packing group: PGIII

IMO / IMDG

Proper shipping name: Corrosive Liquid, Acidic, Inorganic, n.o.s. (contains Hydrochloric Acid)
UN-No: UN3264
Hazard Class: 8
Packing group: PGIII

ICAO

Proper shipping name: See IATA

IATA

Proper shipping name: Corrosive Liquid, Acidic, Inorganic, n.o.s (contains Hydrochloric Acid)
UN-No: UN3264
Hazard Class: 8
Packing group: PGIII

15. REGULATORY INFORMATION

International Inventories

PICCS: This product does not comply with phil:
TSCA: Listed in TSCA
DSL: Not listed in DSL
ENCS: This product does not comply with JPENCS
CHINA: This product does not comply with china:
AICS: This product does not comply with AICS
KECL: This product does not comply with korea:
EINECS/ELINCS This product complies with EINECS/ELINCS

U.S. Regulations:

Hydrochloric acid

MARTK: Listed.
NJRTK: Substance no. 1012 Listed.
PARTK: Listed.
RIRTK: Listed.
ILRTK: Listed.
CTRTK: Listed.

Dipropylene glycol monomethyl ether

MARTK: Listed.
NJRTK: Substance no. 0804 Listed.
PARTK: Listed.
RIRTK: Listed.
ILRTK: Listed.

Sara (311, 312) hazard class:

Canada

WHMIS hazard class:
E Corrosive material

WHMIS graphic:



16. OTHER INFORMATION

NFPA **Health:** 2 **Flammability:** 0 **Instability:** 0

HMIG **Health:** 2 **Flammability:** 0 **Reactivity:** 0

NFPA symbol:



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Prepared by: Health & Safety

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