

Material Safety Data Sheet

Note: Read and understand Material Safety Data Sheet before handling or disposing of product.

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Material Identity: CHLOR*RID[®] Industrial Cleaning Solution

Product Use: Removal of soluble salts from metals or other surfaces.

Manufacturer: CHLOR RID International, Inc.
3356 N. San Marcos Place #104
Chandler AZ 85244

Emergency Number: 800-422-3217, 480-821-0039

Revised: 01/2014

2. HAZARD IDENTIFICATION

Carcinogenicity: None of the components present in concentrations equal to or greater than 0.1% are listed as carcinogenic:

<u>OSHA</u>	<u>IARC</u>	<u>NTP</u>	<u>OTHER</u>	<u>NONE</u>
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Emergency Overview:

Appearance: Light blue
Odor: Mildly of burnt sugar

Effects of Overexposure:

Eye Contact: Moderately irritating
Skin Contact: May cause irritation on prolonged contact.
Ingestion: May cause gastrointestinal irritation.
Inhalation: None currently known

Hazardous Materials Identification System- HMIS:

1 Health Hazard- Mild Skin Irritant
0 Flammability- None
0 Reactivity- Stable
G Protection- Safety Eyeware

Read the entire MSDS for more thorough evaluation of precautions required.

3. COMPOSITION INFORMATION ON INGREDIENTS

COMPOSITION:

Ingredients:	<u>Range in %</u>
Proprietary Chemical Mixture:	10
Other Non-Hazardous Materials:	90

Proprietary specific chemical identity. See 29 CFR 1910.1200 (i)(1)(iii)

4. FIRST AID MEASURES

- Eyes:** Flush with plenty of water, occasionally lifting upper and lower eyelids. Remove contact lenses. Contact physician if irritation persists.
- Skin:** Flush effected area with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.
- Ingestion:** If ingested, wash out mouth with plenty of water. Do not induce vomiting unless directed by medical advice. Get medical attention. Do not give anything by mouth to an unconscious person.
- Inhalation:** Remove victim to fresh air and keep at rest in position comfortable for breathing. Get medical attention if symptoms occur.

5. FIRE-FIGHTING MEASURES/ EXPLOSIVE HAZARDS

- Flash Point:** Does not flash
- Extinguishing Media:** Any appropriate media to local circumstances and surrounding media.
- Flammability Limits:** N/A
- Firefighting Instructions:** Wear self-contained breathing apparatus and protective suit.
- Unusual Fire & Explosive Hazards:** Prolonged contact with certain metals may generate minor amounts of hydrogen gas which can be diminished by quenching with large amounts of water.
- National Fire Protection Hazard Ratings- NFPA(R)**
1 Health Hazard- Slight
0 Flammability- None
0 Reactivity - Minimal

6. ACCIDENTAL RELEASE MEASURE

Procedure in case of accidental release, breakage or leakage: INFOTRAC 800-535-5053

Wear appropriate protective clothing and/or equipment during cleanup. Dilute with water, neutralize with lime or soda ash, or a suitable non-combustible absorbent (sand, earth, vermiculite, diatomaceous earth) may be used. Remove contaminated absorbent, flush spill area with water.

Comply with local, state, and federal regulations for waste disposal. If permissible, flush to drain.

7. HANDLING AND STORAGE

Precautions to be taken in handling: Minimize spillage. Use appropriate personal protective equipment (Section 8). Avoid contact with eyes, skin, and clothing. Workers should wash hands before eating, drinking, or smoking. Keep in the original container or suitable alternative. Keep containers sealed.

Storage: In accordance with local regulations. Keep lids tightly closed and away from heat. Store above 32F (0°C).

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls: Use in ventilated areas.

Protective Equipment:

Eye/Face Protection: Wear overall chemical splash goggles.

Skin Protection: Personal protective equipment should be selected based on the task being performed and risks involved and approved by a specialist before use.

Respiratory Protection: Properly fitted air purifying or air fed respirator complying with an approved standard if risk assessment indicates this is necessary. Respirator should be selected based on known or anticipated exposure level, the hazards of the product and the safe working limits of the respirator.

Hand Protection: Material: Impervious gloves.

Exposure Limit for Total Product: 10 mg/m³ TWA.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue liquid
Odor: Mildly of burnt sugar
Oxidizing Properties: None
Boiling Point: 100 C (approximately as water)
Specific Gravity: 1.01(+/- 0.1)
pH: 3.3 (+/- 0.2)
Vapor Pressure: Vapor is water
Vapor Density: Vapor is water
VOC Content: Non detectable
Flash Point: Non-flammable.
Solubility in Water: Complete

10. STABILITY AND REACTIVITY

Hazardous decomposition: Hazardous decomposition will not occur.
Incompatibility with various materials: Do not mix with other chemicals.
Hazardous polymerization: Will not occur.
Storage: Store out of direct contact with sunlight.

Do not use inconsistent with intended use. Keep out of reach of children and untrained users.

11. TOXICOLOGICAL INFORMATION

No toxicology data is available for this product.

12. ECOLOGICAL INFORMATION

Environmental effects: Readily biodegradable. No phosphates. Low or non-detectable bioaccumulation.

Ecotoxicological information: 96-h, LC50, rainbow trout: >400 µL/L
96-h, LC50, stickleback salt water toxicity, >400µL/L

13. DISPOSAL INFORMATION

Comply with local, state and federal regulations. If permissible, flush to drain. Otherwise drain to effluent remediation facility. Neutralize with lime or soda ash, if required, then flush with water.

Caution: Misuse of empty containers can be hazardous. Empty containers can be hazardous is used to store, toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep containers closed and drum bungs in place.

14. TRANSPORT INFORMATION

Shipping Classification: Specify as: Item No. 48580 – Sub 3 – Class 55

UN Regulatory Information:

DOT Classification: Not regulated.

TDG Classification: Not regulated.

IMDG Class: Not regulated.

IATA-DGR Class: Not regulated

15. REGULATORY INFORMATION

Reportable Quantity (RQ): No calculable reportable quantity for this product.

CERCLA (Superfund) reportable quantity: None

TSCA Inventory Status: This product is not listed and is exempt from the TSCA Chemical Substances Inventory.

SARA Title III (Section 302/304): Nonhazardous.

SARA 313: No ingredients listed. Product does not contain nor is manufactured with ozone depleting substances.

California Prop 675: No known substances known to the State of California to cause cancer, birth defect, or reproductive harm.

Canada: WHIMIS Classification D2B.



16. OTHER INFORMATION

Hazard Material Information System:

Health: 1

Fire: 0

Reactivity: 0

It is the responsibility of the buyer to maintain a safe workplace for the user. Personal protective rating to be supplied by user depending on use condition. The user should consider the health safety information contained herein as a guide and should take these precautions required in an individual operation to instruct employees and develop protective work procedures for a safe environment.

The information contained herein is, to the best of our knowledge, accurate based on data available at the time of publication. The company accepts no liability for damages incurred.

Nothing herein is to be construed as a warranty, expressed or implied. It is the responsibility of the user to determine the applicability of the information herein and suitability for its own particular purpose.

CHLOR RID International Inc	3356 N. San Marcos Place #104	Chandler, AZ	85225	USA
800-422-3217	480-821-0039			480-821-0364 fax