

Safety Data Sheet

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

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Material Identity: HOLD*BLAST™
Synonym: Industrial Passivating/Cleaning Solution
Product Use: Metal surface passivation and flash rust inhibition.
Manufacturer: CHLOR RID International, Inc.
3356 N. San Marcos Place #107
Chandler AZ 85225
Emergency Number: 800-422-3217 / 480-821-0039

Revised Date: 05/2015

2. HAZARD IDENTIFICATION

Physical Hazards: None as defined by GHS Hazard Classification.

GHS Label:

Signal Word: WARNING

Hazard Statement: Flush with water if product comes in contact with skin.
See also Section 4.



Effects of Overexposure:

Eye Contact: Moderately irritating

Skin Contact: May cause irritation on prolonged contact.

Ingestion: May cause gastrointestinal irritation.

Inhalation: None currently known

Precautionary Statements:

Wear protective gloves and eye/face protection.

Do not eat or drink when using this product.

Do not mix with other products.

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

3. COMPOSITION INFORMATION ON INGREDIENTS

COMPOSITION:

Alkanolamine: 25%

Other Nonhazardous Materials: 75%

Specific chemical composition has been withheld as a trade secret. See 29 CFR 1910.1200 (i)(1)(iii)

4. FIRST AID MEASURES

Eyes: Flush with water immediately, occasionally lifting upper and lower lids. Check and remove any contact lenses. If irritation persists, contact a physician.

Skin: Remove contaminated clothing and shoes; flush contaminated skin with water for at least 15 minutes. Seek medical attention if symptoms persist.

Ingestion: Wash mouth out with water. If swallowed, drink milk, raw egg white, Mucilage, Milk of Magnesia, or gelatin solution. If these are not available, drink large quantities of water. Move exposed person to fresh air. If irritation continues, contact a physician. Never give anything by mouth to unconscious person.

Inhalation: Remove victim to fresh air and keep at rest in position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed; exposed person may need to be kept under medical surveillance.

5. FIRE-FIGHTING MEASURES/ EXPLOSIVE HAZARDS

Flash Point: Non-Flammable

Flammability Limits: N/A

Extinguishing Media: Any appropriate media

Unusual Fire & Explosive Hazards: Prolonged contact with certain metals may generate minor amount of hydrogen gas which can be diminished when quenched with large quantities of water.

Special Protective Equipment for Fire-Fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face piece operated in positive pressure mode.

Special Exposure Precautions: Isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Hazardous By-Products: None known

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

Personal Precautions: Put on appropriate personal protective equipment (see Section 8). Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator if ventilation is inadequate.

Environmental Releases: Avoid dispersal of spilled material and runoff with soil, waterways, drains and sewers. Comply with local, state, and federal regulations for waste disposal.

Methods for Cleanup: Stop the leak if without hazard. Contain and collect spillage with noncombustible, absorbent materials such as sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). 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: Avoid extreme temperatures.

Handling: Put on personal protective equipment (see Section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled. Workers should wash hands before eating, drinking or smoking. Do not ingest. Avoid contact with skin, eyes, and clothing. Keep in the original container or approved alternative from a compatible material, kept tightly closed when not in use.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in cool, ventilated area, away from incompatible materials. Keep in tightly closed container. Containers must be resealed after use and kept upright. Do not store in unlabeled containers.

Storage: Store between 35°F and 120°F.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls: Use in ventilated areas

Protective Equipment:

Eye/Face Protection: Safety eyewear complying with an approved standard which meets requirements of avoiding exposure to liquid splashes and mists.

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.
Recommended: Respiratory protection, filter A.

Hands: Chemical resistance, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Exposure Limit for Total Product: 5 mg/m³ TWA for 8 hours (ACGIH TLV, USA 2/2010). Consult with local authorities for acceptable exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor:	Mild, slightly sweet
Oxidizing Properties:	None
Boiling Point:	100 C (approximately as water)
Specific Gravity:	1.2(+/- 0.2) Percent VOC: 0.0 %
pH:	10.8 (+/- 0.2)
Vapor Pressure:	Vapor is water
Vapor Density:	Vapor is water
VOC Content:	<1% by volume per ASTM 2369
Flash Point:	Non-flammable.
Solubility in Water:	Complete

10. STABILITY AND REACTIVITY

Stability: Chemically stable. Decomposition will not occur.

Incompatibility/Reactivity with other Substances: Incompatible with oxidizing agents and acids.

Hazardous Polymerization: Under normal conditions of storage and use, polymerization will not occur.

Hazardous Decomposition Products: Under conditions of very high temperatures, decomposition products may include carbon dioxide, carbon monoxide and nitrogen oxides.

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

11. TOXICOLOGICAL INFORMATION

Potential Acute Health Effects:

Ingestion: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Eyes: Slightly irritating to the eyes.

Skin: Slightly irritating to the skin.

Potential Chronic Health Effects:

Chronic Effects: No known chronic effects.

Target Organs: No known damage to organs.

Mutagenicity: No known significant effects or critical hazard.

Teratogenicity: No known significant effects or critical hazard.

Fertility Effect: No known significant effects or critical hazard.

Developmental Effect: No effects or critical hazard.

Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Nonhazardous components are listed at 3% or greater. This is not intended to be a complete composition disclosure.

Product and/or components considered carcinogenic according to:

<u>OSHA</u>	<u>IRAC</u>	<u>NTP</u>	<u>OTHER</u>	<u>NONE</u>
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12. ECOLOGICAL INFORMATION

Readily biodegradable: >60% in 7 days (Test method AS 4351)

Contains no phosphates.

Bioaccumulation Potential: None

13. DISPOSAL INFORMATION

Generation of waste should be avoided. Disposal shall at all times comply with local, state, and federal regulatory requirements. If permissible, flush to drain. Neutralize with lime or soda ash, if required, then flush to drain. Avoid dispersal of spilled material and runoff and contact with soils, waterways, drains or sewers.

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

14. TRANSPORT INFORMATION

Noncorrosive Shipping Classification: Cleaning Compound. 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

U.S. Federal Regulations: TSCA 8b inventory. Chemical contents of material listed or exempted.

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

CERCLA hazardous substances: None

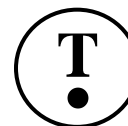
SARA Title III: No ingredients listed

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.

Canadian Hazardous Material Information Review ; WHIMIS: Class D-2B.

CEPA: Chemical contents of material listed or exempted.



16. OTHER INFORMATION

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.

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