

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

Relevant Identified Uses: Metal surface passivation and flash rust inhibition. No other uses recommended for this product.

Manufacturer: CHLOR RID International, Inc.
3356 N. San Marcos Place #107
Chandler AZ 85225
office@chlor-rid.com

Emergency Number: 800-422-3217 / +1-480-821-0039 **Revised Date:** 11/2016

2. HAZARD IDENTIFICATION

Physical Hazards: None as defined by GHS Hazard Classification. **GHS Label:**

Signal Word: WARNING

Product classification: Mixture

Hazard Classification: Effects of overexposure

Eye Irritant 2: H319; Causes irritation

Skin Irritant 2: H315; May cause irritation

Ingestion: May cause gastrointestinal irritation.

Inhalation: None currently known

Precautionary Statements:

P102: Keep out of reach of children and untrained users.

P103: Read directions before use.

P280: Wear protective gloves and eye/face protection.

P264: Wash after handling the product.

P270: Do not eat or drink when using this product.

Do not mix with other products.

Environmental Hazards: None known. All components are readily biodegradable (Section 12).

Other Hazards: Does not meet the criteria for PBT (Persistent, Bioaccumulative & Toxic) or vPvB (very Persistent & very Bioaccumulative)



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: P306+P351: Flush with water immediately, occasionally lifting upper and lower lids. Check and remove any contact lenses. P311+P342: If irritation persists, contact a physician.

Skin: P303+P353: Flush effected area with plenty of water. P306+P360+P362: Remove contaminated clothing and shoes; flush contaminated skin with water for at least 15 minutes. P313: Seek medical attention if symptoms persist.

Ingestion: P301+P330+P331: 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. P313: If irritation continues, contact a physician. Never give anything by mouth to unconscious person.

Inhalation: P304+P340: Remove victim to fresh air and keep at rest in position comfortable for breathing. P313: 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

Explosive Hazards: None Known

Extinguishing Media: Any appropriate media, generally water.

Unusual Fire & Explosive Hazards: None indicated.

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 and international regulations for waste disposal.

Reference to Other Sections: Section 8

Methods for Cleanup: Stop the leak if without hazard. Contain and collect spillage with noncombustible, absorbent materials such 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.

7. HANDLING AND STORAGE

Precautions for safe handling: Minimize spillage. P281: Use appropriate personal protective equipment (Section 8). P270: Eating, drinking, and smoking should be prohibited in areas where this material is handled. P264: Workers should wash hands before eating, drinking or smoking. Do not ingest. Avoid contact with skin, eyes and clothing.

Conditions for storage: P234: Keep in original container or suitable alternative. P233: Keep container tightly sealed. Keep container in well ventilated area. Keep container protected from direct sunlight. Containers must be resealed after use and kept upright. Do not store in unlabeled containers.

Incompatible materials: Keep away from strong acids.

Storage: Store between 35 F (2°C) and 120° F (50°C) 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.

Conditions to avoid: Avoid extreme temperatures.

Specific end uses: See relevant identified use in Section 1. Request directions for use and technical data.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure & Engineering Controls: S51: Use in ventilated areas

Protective Equipment:

Eye/Face Protection: P280: Wear face shield and safety glasses.

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: Impervious gloves.

Protective Clothing Pictograms:



Exposure Limit for Total Product: 20 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; colorless to slightly yellow
Odor:	Mild, slightly sweet
Odor threshold:	No test data available.
Oxidizing properties:	No
Boiling point:	100 C (approximately as water)
Specific gravity:	1.2(+/- 0.2)
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.
Upper/Lower flammability:	Non-flammable
Solubility:	In water, completely miscible
Partial coefficient:	For n-octanol/water, no test data available
Auto-ignition temperature:	Non-flammable
Viscosity (Kinematic):	No test data available
Explosive properties:	None

10. STABILITY AND REACTIVITY

Reactivity: Product is stable under normal conditions of use and storage.

Chemical stability: Chemically stable.

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

Hazardous Polymerization: Polymerization will not occur.

Hazardous Decomposition Products: Does not decompose when used as intended. Under conditions of very high temperatures, decomposition products may include carbon dioxide, carbon monoxide and nitrogen oxides.

Storage: Store out of direct contact with sunlight. Store above 32°F (0°C) and below 120°F (49°C).

Do not use inconsistent with relevant identified and intended uses.

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

Ecotoxicological information: No information available for this product.

Toxicity: No toxicological information available for this product.

Persistence and degradability: No data available.

Environmental effects: Readily biodegradable; >89%. Passes OECD test(s) for ready biodegradability.
Contains no phosphates.

Bioaccumulation potential: Bioconcentration potential is very low (Bioconcentration factor <100).

Mobility in soil: Potential for mobility in soil is very high. Partition coefficient (Koc). Estimated at <10.

Results of PBT and vPvB assessment: Does not meet the criteria for PBT (Persistent, Bioaccumulative, and Toxic) and vPvB (very Persistent & very Bioaccumulative)

Other adverse effects: None known.

13. DISPOSAL INFORMATION

Generation of waste should be avoided. P501: Disposal shall at all times comply with local, state, and federal, and international 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 Number: Not listed.

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

Supplemental classification information not included in Section 3, or other Sections:

S 24 Avoid contact with skin

S 25 Avoid contact with eyes

In accordance with Regulation (EC) 1907/2006 (REACH), and with changes made to comply with Regulation (EU) 453/2010, Annex II.

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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