

MATERIAL SAFETY
DATA SHEET

Betterbilt Chemical
3137 26th Street
Los Angeles Ca 90023
(323) 266-7111

24-HOUR
EMERGENCY
TELEPHONE
(800) 255-3924

RUST CONVERTER

PRODUCT ID NO.: 9855BOV

PAGE: 1

EFFECTIVE DATE: 03/29/12

PRODUCT ID NO.: 9855BOV

DATE PREPARED: 03/29/12

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This Material Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

This MSDS complies with 29 CFR 1910.1200
(The Hazard Communication Standard)

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SECTION I - PRODUCT IDENTIFICATION
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PRODUCT DESCRIPTION: RUST CONVERTER, BOV

D.O.T. PROPER SHIPPING NAME: NOT CLASSIFIED AS HAZARDOUS

NFPA CODES: HEALTH - 2 FLAMMABILITY - 0 CORROSIVE - 2 REACTIVITY - 0

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SECTION II - COMPONENTS
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ACRYLIC COPOLYMER

PEL: NONE

CAS #: NOT HAZARDOUS

TLV: NONE

1,2-ETHANEDIOL

PEL: 50 PPM; 125 MG/M3, CEILING

CAS #: 107-21-1

TLV: 50 PPM; 127 MG/M3, CEILING

PROPYLENE GLYCOL METHYL ETHER

PEL: 100 PPM SKIN

CAS #: 34590-94-8

TLV: 100 PPM SKIN

GALLOTANNIN

PEL: NOT ESTABLISHED

CAS #: 1401-55-4

TLV: NOT ESTABLISHED

INERT MATERIAL

PEL: NOT ESTABLISHED

CAS #: 7732-18-5

TLV: NOT ESTABLISHED

ETHANEDIONIC ACID

PEL: 1 mg/cu.m

CAS #: 144-62-7

TLV: 1 mg/cu.m.

NITROGEN

PEL: NOT ESTABLISHED

CAS #: 7727-37-9

TLV: NOT ESTABLISHED

"*" If present, IARL, NTP and OSHA carcinogens and chemical subject to this reporting requirements of SARA TITLE III, SECTION 313 are identified in this section.

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SECTION III - PHYSICAL DATA
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BOILING POINT FOR PRODUCT: 208 C.

VAPOR PRESSURE FOR PRODUCT: NOT DETERMINED

VAPOR DENSITY FOR PRODUCT: NOT DETERMINED

SPECIFIC GRAVITY: LIQUID:0.79 - 0.83

V.O.C.(GRAMS PER LITER): NOT APLICABLE

WATER SOLUBILITY: NOT MISCIBLE

APPEARANCE: MILKY SPRAY

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SECTION IV - FIRE AND EXPLOSION DATA
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FLASH POINT(TCC): > 175 Degree F.

EXPLOSIVE LIMIT (PRODUCT): LOWER - N/D

UPPER - N/D

SEC04.13

FIRE & EXPLOSION HAZARDS: Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, venting containers.

FIRE FIGHTING EQUIPMENT: At elevated temperatures (above 120 F) containers may vent, rupture, or burst.

EXTINGUISHING MEDIA: Foam Dry Chemical, Carbon Dioxide.

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SECTION V - HEALTH HAZARD DATA
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SEC05.13

HEALTH HAZARDS: This material is a corosive material

ROUTES OF EXPOSURE:

INHALATION: Airborne concentrations of dust, mists, or spray may cause damage to the upper-respiratory tract and even to the lung tissue proper which could produce chemical pneumonia, depending upon severity of exposure.

SKIN CONTACT: This product is destructive to tissues contacted and produces severe burns.

SKIN ABSORPTION: See skin contact.

EYE CONTACT: This product is destructive to eye tissues on contact. Will cause severe burns that result in damage to the eyes and even blindness.

INGESTION: This product, if swallowed, can cause severe burns and complete tissue perforation of mucous membranes of the mouth, throat esophagus and stomach.

EFFECTS OF OVEREXPOSURE:

ACCUTE: Corrosive to all body tissues which it comes in contact.

CHRONIC: The chronic local effect of the skin or of primary irritant.

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SECTION V - HEALTH HAZARD DATA (CONTINUED)
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DERMATITIS: Similarly, inhalation of dust, spray, or mist may result in varying degrees of irritation or damage to the respiratory tract tissues and an increased susceptibility to respiratory illness.

EMERGENCY AND FIRST AID PROCEDURES

EYES: Object is to flush material out immediately then seek medical attention. Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

SKIN: Immediately wash contaminated areas with plenty of water. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear which cannot be decontaminated. Seek medical attention immediately.

INHALATION: Get person out of contaminated area to fresh air. If breathing has stopped, resuscitate and administer oxygen if readily available. Seek medical attention immediately.

INGESTION: NEVER give anything by mouth to an unconscious person. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. If available, give several glasses of milk. If vomiting occurs spontaneously, keep airway clear. Seek medical attention immediately.

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SECTION VI - REACTIVITY DATA
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06.20

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures above 130 degree F.

HAZARDOUS POLYMERIZATION: Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None

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SECTION VII - SPILL OR LEAK PROCEDURES
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SEC07.45

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:

Clean up area by mopping or with absorbant materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local

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=====
SECTION VII - SPILL OR LEAK PROCEDURES(CONTINUED) =====

disposal authorities for approved procedures.

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SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED =====

SEC08.13

VENTILATION REQUIREMENT: Use adequate exhaust ventilation.

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY: Repiration protection is not required under normal use.

EYE: Face shield and goggles or chemical goggles should be worn.

GLOVES: Gloves should be worn. May be decontaminated by washing
with mild soap and water.

OTHER CLOTHING AND EQUIPMENT: Coveralls closed to the neck.

Chemically resistant safety shoes. Wash contaminated clothing
with soap and water and dry before reuse. Safety showers and
eyewash stations should be provided in all areas in which
handled.

Product is corrosive to tin, aluminum, zinc and alloys
containing these metals, and will react violently with these
metals in powder form.

SPECIAL MIXING AND HANDLING INSTRUCTIONS: When making solutions, be
sure to follow these steps:

1. Always wear all protective clothing.
2. Never add water to product. Always add product to water.
3. Always empty and clean containers of all residues before
adding product to avoid possible explosive reaction between
product and unknown residues.

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SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS =====

SEC09.45

HANDLING STORAGE AND DECONTAMINATION PROCEDURES: When utilizing containers
follow standard safety practices for handling chemicals.

GENERAL COMMENTS: Do not store at temperatures above 120 degree F. Odor is
not an adequate warning of potentially hazardous concentrations in
air. Releases of these gases may cause a flammable atmosphere with
explosion potential.

PRECAUTIONARY STATEMENTS: Please read and follow the directions on the
product label. They are your best guide to using this product in
the most effective way, and give the necessary safety precautions
to protect your health.

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===== ADDITIONAL COMMENTS =====

Consumer Product Safety Act Certificaton.

This product was evaluated by Four Star Chemical and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the MSDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.