



VSC Rust Converter

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

GHS product identifier: VSC Rust Converter

Other means of identification: Rust Converter

Recommended use of the chemical and restrictions on use: N/A

Supplier's details: VANBERG SPECIALIZED COATINGS
10705 COTTONWOOD ST.
LENEXA, KS 66215
INFORMATION PHONE NUMBER: 913-599-5939

Emergency phone number: 1-800-255-3924

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Skin corrosion/ irritation (Category 2)

Serious eye damage / eye irritation (Category 2)

SYMBOL:



Signal Word

Warning

Hazard Statements

Causes serious eye irritation.

Causes skin irritation.

Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get medical attention if irritation occurs

IF ON SKIN: Take off contaminated clothing and wash before reuse. Wash skin with plenty of soap and water. If irritation occurs get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.

IF SWALLOWED: Call POISON CENTER/doctor if you feel unwell. Rinse mouth. Do not induce vomiting.

Precautionary Statements – Storage

Store in a well ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Hazardous Components (Chemical Name)	CAS #	Concentration
2-butoxyethanol	111-76-2	1-5%
Glycolic acid	79-14-1	1-5%

Any concentration shown as a range is to protect confidentiality or is due to process variation.

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

Skin Contact: Remove contaminated clothing, wash skin with soap and plenty of water. If irritation persists, get medical attention.

Most Important Symptoms and Effects, both Acute and Delayed Symptoms

May cause serious eye damage and skin irritation..

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: No data available. Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media: Do not use a water jet as it may spread the fire..

Specific Hazards Arising from the Chemical

Fire or excessive heat may produce hazardous decomposition products.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment, municipal sewers.

Methods for Cleaning Up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

SECTION 7 – HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Hazardous Components (Chemical Name)	CAS #	ACGIH TLV	OSHA PEL	NIOSH
2-butoxyethanol	111-76-2	TWA: 20 ppm	50 ppm	No data available
Glycolic acid	79-14-1	No exposure limits	No exposure limits	No exposure limits

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles and face shield where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State Viscous liquid

Color Murky green

Property Values

pH: 2.5-3

Melting Point/Freezing Point: No data available

Boiling Point/Boiling Range: 100 o C (212 o F)

Flash Point: None

Evaporation Rate: No data available

Flammability (Solid,Gas): n/a-liquid

Upper Flammable Limits: No data available

Lower Flammable Limits: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Specific Gravity: 1.09

Water Solubility: Soluble in Water

Solubility in Other Solvents: No data available

Partition Coefficient: No data available

Autoignition Temperature: No data available

Decomposition Temperature: No data available

Kinematic Viscosity: No data available

Dynamic Viscosity: No data available

Explosive Properties: Not an Explosive

Oxidizing Properties: No data available

Odor Slight: EB odor

Odor Threshold: No data available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

No data available

Incompatible Materials

Strong acids, oxidizing agents.

Hazardous Decomposition Products

Carbon oxides. Organic compounds which may be toxic.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes serious eye irritation

Skin Contact: Avoid contact with skin.

Ingestion: May be harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
2-butoxyethanol	111-76-2	1300 mg/kg(Rat)	>2000 ml/kg(Rat)	LC50 (Rat, 3 h): > 4.9 mg/l
Glycolic acid	79-14-1	1950 mg/kg(Rat)	No data available.	LC50 (Rat, 4

Chemical Name	2-butoxyethanol	Glycolic acid
Skin corrosion/irritation	Moderate	Skin burns
Serious eye damage/irritation	Moderate	Serious eye damage
Respiratory or skin sensitization	Not a sensitizer	Not a sensitizer
Mutagenicity	Negative	No data available
Carcinogenicity	Not considered a carcinogen by IARC, ACGIH, NTP or OSHA	Not considered a carcinogen by IARC, ACGIH, NTP or OSHA
Reproductive toxicity	Not expected to cause.	Not expected to cause.
Specific target organ toxicity- Single exposure	Not classified	Not classified
Specific target organ toxicity- repeated exposure	Not classified	Not classified
Aspiration hazard	An aspiration hazard.	Not a hazard

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
2-butoxyethanol	111-76-2	EC-50 (Algae (Pseudokirchneriell a subcapitata), 72 h): 1,840 mg/l	LC-50 (Oncorhynchus mykiss, 96 h): 1,474 mg/l	EC-50 (Water Flea, 48 h): 1,550 mg/l
Glycolic acid	79-14-1	No data available	No data available	No data available

Persistence and Degradability: No data available

Bioaccumulation : No data available

Mobility: No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

SECTION 14 – TRANSPORTATION INFORMATION

DOT Proper Shipping Description:

Bulk or Non-Bulk: Not regulated.

SECTION 15 – REGULATORY INFORMATION

SARA Title III Section 311/312 (40CFR370): Acute and chronic health hazard

SARA Title III Section 313 (40CFR372): 2-butoxyethanol

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is not known to contain chemicals currently listed as carcinogens or reproductive toxins.:

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-butoxyethanol	X	X	X
Glycolic acid	Not listed	Not listed	Not listed

SECTION 16 – OTHER INFORMATION

Date of Preparation: 05/12/2016

To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any material is the sole responsibility of the users. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.