

Material Safety Data Sheet

Classified as hazardous according to the criteria of the NOHSC.

Classified as dangerous goods according to the ADG Code.



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Rust Converter
Product Code(s): 15025
Supplier: Bizfine Pty Ltd trading as Acryloc Building Products
ABN: 52 051 067 237
Street Address: 174 Cavan Road, Dry Creek,
South Australia
Telephone Number: +61 8 8368 0222
Facsimile: +61 8 8349 4260
Emergency Telephone: 1300 661 745 (ALL HOURS)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description: Surface preparation product for treatment of light rust

Components / CAS Number	Proportion
Phosphoric acid 7664-38-2	10-30%
Butyl Cellosolve 111-76-2	10-30%
Chromium Trioxide 1333-82-0	0-1%
Water 7732-18-5	50-70%
Ingredients determined not to be hazardous	to 100%

3. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of the NOHSC.

Classified as dangerous goods according to the ADG Code.

RISK: Highly corrosive. Liquid will cause burns. Toxic if swallowed. Also may cause cancer by inhalation or ingestion. May cause fire or explode. Also may cause sensitisation from prolonged or repeated skin contact.

4. FIRST AID MEASURES

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact: If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical assistance.

Notes to physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Product Name: Rust Converter
Document: MSDS 15025
Issued: April 2012

Material Safety Data Sheet

Specific Hazards:	Non-combustible material.
Fire-fighting advice:	Non-combustible material, however, following evaporation of the water component of the material, the residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if at risk of exposure to vapour or products of combustion.
Suitable Extinguishing Media:	Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Small Spills:	Slippery when spilt. Avoid accidents, clean up immediately. Collect in a container for disposal via special chemical waste collection.
Large Spills:	Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Handling advice:	Avoid eye contact and repeated or prolonged skin contact.
Storage advice:	Store in cool place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering Control Measures:

Provide adequate ventilation. If using indoors, keep windows and doors open during use. Keep containers closed when not in use.

Personal Protective Equipment:

Overalls, Safety Shoes, Safety Glasses, Gloves, Respirator.

If there is a risk of eye contact, repeated or prolonged skin contact or inhalation wear gloves, safety glasses and a respirator. Always wash hands before smoking, eating, drinking or using the toilet.

Material Safety Data Sheet

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Viscous liquid
Colour:	Dark Green
Odour:	Mild
Solubility:	Miscible with water.
Specific Gravity:	1.1 @ 20°C
Relative Vapour Density (air=1):	Not Available
Vapour Pressure (20 °C):	Not Available
Flash Point (°C):	Not Applicable
Flammability Limits (%):	Not Applicable
Autoignition Temperature (°C):	Not Applicable
% Volatile by Weight:	Not Available
Solubility in water (g/L):	Miscible
Melting Point/Range (°C):	Not Applicable
Boiling Point/Range (°C):	100 (water)
Decomposition Point (°C):	Not Available
pH:	1 (acidic)
Viscosity:	Not Available
Evaporation Rate:	Not Available

10. STABILITY AND REACTIVITY

Stability: No information available.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

- Ingestion:** Extremely corrosive to gastro-intestinal tract. Can cause severe burns and poisoning.
- Eye contact:** Highly corrosive and may cause severe and permanent damage.
- Skin contact:** Corrosive to the skin and may cause severe burns. Repeated contact may cause skin sensitisation.
- Inhalation:** Not normally an inhalation hazard. However, if ventilation is poor and/or at elevated temperatures the vapour is capable of causing serious damage to the throat. Chromium trioxide may cause cancer by inhalation.

Long Term Effects:

Prolonged or repeated exposure to this material may result in skin irritation leading to dermatitis.

Toxicological Data:

No LD50 data available for the product.

The components in the proportions present are not considered to present a hazard under conditions of good occupational work practice.

12. ECOTOXICOLOGICAL INFORMATION

Avoid contaminating waterways.

Material Safety Data Sheet

13. DISPOSAL CONSIDERATIONS

For large quantities: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

For small quantities: Do not pour leftover material down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via plastic recycling programs. Disposal of empty containers via domestic recycling programs may differ between local authorities. Check with your local council first.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

ADG U.N. Number: 2922 (Corrosive liquid poisonous N.O.S)
ADG Proper: None Allocated
Shipping Name Rust Converter
ADG DG Class 8
ADG Hazchem Code 2X
ADG Packing Group III

15. REGULATORY INFORMATION

Poisons Schedule: S6.1(b)

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

This material safety data sheet has been prepared by Acryloc Building Products Technical Department

Reason(s) for Issue:

Review of Content

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Acryloc Building Products cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact Acryloc Building Products using the contact details on page 1.

Acryloc Building Products responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.