



P.O. Box 15018
Hastings, New Zealand

MATERIAL SAFETY DATA SHEET
IN CASE OF SPILL CALL
(06) 879-9438

Section I - Product Identification

Product Name: Rust Remover III, Neutralizer
Product Number: C195
CAS Number: Blend

Section II - Composition / Information on Ingredients

Chemical Name	Amount	CAS Number
Potassium Bicarbonate	5.0 - 10.0 %	298-14-6
Water	60.0 - 100.0 %	7732-18-5

(See Section 8 for exposure guidelines) (See Section 15 for regulatory information)

Section III - Hazards Identification

EMERGENCY OVERVIEW: As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

HMIS Rating: Health: 1 Flammability: 0 Reactivity: 0

NFPA Rating: Health: 1 Flammability: 0 Reactivity: 0

POTENTIAL HEALTH EFFECTS

Eye: Mild irritant, possible reddening due to alkaline effect or abrasion.

Skin: May cause skin irritation.

Inhalation: Mild alkaline irritant to respiratory system. Coughing, sneezing, possible breathing difficulty in acute cases.

Ingestion: May cause irritation of the digestive tract.

Section IV - First Aid Measures

Eye Contact First Aid: Hold eyelids apart and flush eyes with plenty of water for a least 15 minutes. Get medical attention.

Skin Contact First Aid: Wash exposed area with soap and water while removing contaminated clothing and shoes.

Inhalation First Aid: Remove to fresh air.

Ingestion First Aid: Give victim 1 to 2 glasses of water or milk. If the quantities are excessive, induce vomiting by giving Ipecac.

Notes To Physician: Treat symptomatically and supportively.

Section V - Fire Fighting Measures

Flammable Properties: COC Flash Point: N/A Autoignition Temperature: N/A

Flammable Limits in Air: LEL: N/A UEL: %

Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Section VI - Accidental Release Measures

Initial Containment: Small amounts of residue may be flushed to sewer with plenty of water..

Section VII - Handling and Storage

Storage Precautions: Keep container closed when not in use.

Section VIII - Exposure Controls / Personal Protection

Engineering Controls: Keep container tightly closed.

Eye / Face Protection Requirements: Chemical goggles are recommended to avoid contact with eyes.

Exposure Guidelines: No information available.

RUST REMOVER III - NEUTRALIZER

Section IX - Physical and Chemical Properties

Form: Liquid **Odor:** No Odor
Solubility in Water: Complete **pH:** 8-8.5
% Volatiles: 93 %

Section X - Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.
Polymerisation: Hazardous polymerisation will not occur.
Incompatibility With Other Materials: Can react with acids to liberate carbon dioxide gas.
Decomposition: May produce oxides of carbon and potassium.
Conditions to Avoid: High temperatures. Acids.

Section XI - Toxicological Information

Potassium Bicarbonate
Test Code: Dermal LD50 Species: Rabbit Results: > 2000 mg/l
Test Code: Oral LD50 Species: Rat Results: 2825 mg/kg
Test Code: Inhalation LC50 Species: Rat Results: >4.8 mg/l

Section XII - Ecological Information

Potassium Bicarbonate:
Test Code: Acute LC50 Species: Bluegill Results: 1500 mg/l
Test Code: Acute LC50 Species: Rainbow trout Results: 1300 mg/l
Test Code: EC50 Species: Daphnids Results: 1200 mg/l

Section XIII - Disposal Considerations

Waste Disposal: Not listed as a material banned from land disposal according to RCRA.

Section XIV - Transportation Information

Product Label: Rust Remover III, Neutralizer
M.O.T. Shipping Name: Not regulated
Miscellaneous: IATA Shipping Classification: Not regulated

Section XV - Regulatory Information

Regulatory Lists Searched:
01=SARA Title III Section 302 02=SARA Title Section 313
03=RCRA Hazardous Waste Codes 04=CERCLA Hazardous Substances
05=Clean Air Act 06=California Prop. 65
07=Florida Right-to-Know 08=Massachusetts Right-to-Know
09=Pennsylvania Right-to-Know 10=Pennsylvania Right-to-Know

EEC Symbols and Indications of Danger: None

S-Phrases: S2 - Keep out of reach of children.

WHMIS Hazard Symbols: None

Miscellaneous Information: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

Section XVI - Other Information

Prepared by: Cory Parr Approved by: Edward Durrant
Title: Chemist Approval Date: July 28, 2000
Supersedes Date: September 1, 1999 RTN Number: 00000029 (Official Copy)
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END OF MSDS

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