

# The Cleaner Image

## Material Safety Data Sheet

**MSDS**

**10-Mar-2007**

### VacAway Rust Assassin

#### CHEMICAL PRODUCT/COMPANY IDENTIFICATION

##### Material Identification

Product Usage: Rust stain remover for use by professional carpet cleaners.

##### Company Identification

##### MANUFACTURER/DISTRIBUTOR

The Cleaner Image  
1037 Lakeview Drive  
Nashville, TN 37076

##### PHONE NUMBER

615-449-0708

#### COMPOSITION/INFORMATION ON INGREDIENTS

Proprietary mixture containing:  
<5% AMMONIUM BIFLUORIDE CAS# 1341-49-7

#### HAZARDS IDENTIFICATION

\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*  
\* Irritating to eyes and skin. Prolonged contact may \*  
\* damage eyes. Harmful if swallowed. Liquid. \*  
\*\*\*\*\*  
Potential Health Effects:

EYE: May be severe eye irritant. Prolonged exposure may cause permanent damage.

SKIN: Can cause irritation.

INGESTION: Will cause irritation to gastrointestinal tract. Ingestion of large quantities can cause brain, heart and kidney damage and may be fatal.

INHALATION: Vapors may irritate respiratory tract.

CHRONIC (CANCER) INFORMATION: None of the ingredients are listed as carcinogenic.

TERATOLOGY (BIRTH DEFECT) INFORMATION: No information but adverse effects unlikely.

REPRODUCTIVE INFORMATION: No information but adverse effects unlikely.

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## FIRST AID MEASURES

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Eye Contact: Wash eyes with clear water for several minutes. Obtain medical attention if necessary.

Skin Contact: Rinse off.

Ingestion: Wash out mouth with water. Obtain medical attention.

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## FIRE FIGHTING MEASURES

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Flammable Properties  
Not a fire hazard.

Extinguishing Media: As for surrounding fire.

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## ACCIDENTAL RELEASE MEASURES

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Wipe or mop up. Rinse area with clean water.

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## HANDLING AND STORAGE

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STORAGE  
Store in a cool dry place.

HANDLING  
For use by professional carpet cleaners only. Rubber gloves and goggles must be worn. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

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Normal handling: No special equipment needed.

Exposure Guidelines

AMMONIUM BIFLUORIDE  
OSHA (PEL): 2.5 mg/m<sup>3</sup>  
ACGIH (TLV): 2.5 mg/m<sup>3</sup>

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## PHYSICAL AND CHEMICAL PROPERTIES

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Physical Data  
Solubility in Water : Soluble  
Form : Liquid

pH : ~3

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**STABILITY AND REACTIVITY**

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Hazardous Decomposition Product(s): None known.  
Hazardous Reactions: None known.  
Polymerization: Will not polymerize.

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**TOXICOLOGICAL INFORMATION**

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Mixture not tested but based on ingredients will irritate eyes - could be severe causing lesions. Possible skin irritant. If swallowed can cause gastrointestinal tract irritation. In large quantities can cause brain, heart and kidney injury and may be fatal.

Carcinogenicity Information:  
None of the components are listed by IARC, NTP, OSHA or ACGIH as carcinogens:

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**ECOLOGICAL INFORMATION**

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Toxicity: Diluted product is predicted to have low toxicity to aquatic organisms.

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**DISPOSAL CONSIDERATIONS**

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May be disposed of in accordance with local regulations.

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**TRANSPORTATION INFORMATION**

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Shipping Information  
DOT: Not regulated.

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**REGULATORY INFORMATION**

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Not classified as hazardous to users or for transport.

U.S. Federal Regulations  
TSCA Inventory Status: Reported/Included.

**SECTION 313 SUPPLIER NOTIFICATION**

This product contains no known toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

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**OTHER INFORMATION**

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Additional Information  
NA = Not Applicable

NE = Not Established  
# = Indicates updated section

STATE RIGHT-TO-KNOW LAWS

No substances on the state hazardous substances list, for the states indicated below, are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:  
None known.

WARNING: SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS  
OR OTHER REPRODUCTIVE HARM: None known.

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The information herein is given in good faith but no warranty, expressed or implied, is made. The Cleaner Image assumes no responsibility for personal injury or property damage that may arise from use of this material. Vendees or users assume all risks associated with the use of this material.

Responsibility for MSDS:

The Cleaner Image  
1037 Lakeview Drive  
Nashville, TN 37076