

MATERIAL SAFETY
DATA SHEET

Maintenance Solutions, Inc.
P.O. Box 12202
Scottsdale, AZ 85267
(480) 607-9593

24-HOUR
EMERGENCY
TELEPHONE
(800) 255-3924

DEFENDER III
RUST CONVERTER, LIQUID

PRODUCT ID NO.: 9855

EFFECTIVE DATE: 08/25/94
PRODUCT ID NO.: 9855

DATE PREPARED: 11/15/06

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

===== SECTION I - PRODUCT IDENTIFICATION =====
PRODUCT DESCRIPTION: DEFENDER III RUST CONVERTER, LIQUID
D.O.T. PROPER SHIPPING NAME: NOT CLASSIFIED AS HAZARDOUS
NFPA CODES: HEALTH - 2 FLAMMABILITY - 0 CORROSIVE - 1 REACTIVITY - 0

===== SECTION II - COMPONENTS =====

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
ETHANEDIONIC ACID	PEL: 1 mg/cu.m
CAS #: 144-62-7	TLV: 1 mg/cu.m.

"*" 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.

===== SECTION III - PHYSICAL DATA =====

BOILING POINT FOR PRODUCT: 210 F
VAPOR PRESSURE FOR PRODUCT: NOT APPLICABLE
VAPOR DENSITY FOR PRODUCT: AIR=1 > 1
SPECIFIC GRAVITY: 1.06
V.O.C.(GRAMS PER LITER): NOT APPLICABLE
WATER SOLUBILITY: COMPLETE
APPEARANCE: WHITE LIQ/MILD ODOR

===== SECTION IV - FIRE AND EXPLOSION DATA =====

FLASH POINT(COC): NON-FLAMMABLE
EXPLOSIVE LIMIT (PRODUCT): LOWER - N/A UPPER - N/A
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.

===== SECTION V - HEALTH HAZARD DATA =====

SEC05.10

THRESHOLD LIMIT VALUE: See Section II

EFFECTS OF OVER EXPOSURE: Irritation to skin and eyes.

EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash with soap and water.

EYE: Flush with water for at least 15 minutes.

INHALATION: Remove to fresh air. See a physician if irritation persist.

ORAL: Call a physician. Do not induce vomiting.

ADDITIONAL: Contact with eyes will be painful and irritating.

Prolonged or repeated contact with skin may cause irritation. Mist caused by manufacturing operations may irritate the nasal passages.

===== SECTION VI - REACTIVITY DATA =====

INCOMPATIBILITY: Strong Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur dioxide, Hydrogen Sulfide, Nitrous Oxides and Ammoniacal Vapors.

POLYMERIZATION: Will not occur.

===== SECTION VII - SPILL OR LEAK PROCEDURES =====

SEC07.10

SPILL PROCEDURES: Pick up free material for recycle/disposal.

WASTE DISPOSAL:

Disposal should be in compliance with Federal, State and local laws.

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

SEC08.10

VENTILATION PROCEDURE: Use adequate ventilation

GLOVES PROTECTION: Neoprene or nitrile rubber gloves recommended.

RESPIRATORY PROTECTION: When applicable, wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use.

EYE PROTECTION: Safety glasses.

OTHER PROTECTION: None

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

SEC09.10

STORAGE AND HANDLING PRECAUTIONS: Store in a cool, dry well-ventilated place away from incompatible materials. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Store in original containers only at temperatures below 85 deg. f. Do not store near acids, oxidizable materials, organics.

OTHER PRECAUTIONS: Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Do not mix this product with other cleaning agents. It is a violation of federal law to use this product in a manner inconsistent with its labeling.

SPECIAL PRECAUTIONS: Minimal handling temperature should be maintained. Do not ingest.