

Material Safety Data Sheet

SECTION 1

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Stainless Steel Maintainer **PRODUCT CODE:** 844
MANUFACTURED BY: IDS
 910 3rd ST, Suite A
 Neptune Beach, FL 32266

MEDICAL EMERGENCY: 1-800-228-5635 ext. 009
 (outside USA 612-221-3999 ext. 009)

PRODUCT INFORMATION 904/241-4118
PRODUCT INFORMATION 630-543-7600
MSDS ISSUE DATE: 09/02/1998
MSDS REVISION DATE: none **REVISION NUMBER:** none

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Component</u> | <u>CAS#</u> | <u>Exposure Limits</u> | <u>% by Wt.</u> |
|--------------------------|-------------|---|-----------------|
| Heavy Alkylate Naphtha** | 64741-65-7 | OSHA PEL=500ppm ACGIH T/V/TWA=100ppm | 10-15 |
| Petroleum Solvent | 64741-66-8 | ACGIH TLV/TWA=400ppm | 10-15 |
| Liquefied Petroleum Gas | 68476-85-7 | OSHA PEL=1000PPM ACGIH TLV/TWA=1000ppm | 15-20 |

**Limits for stoddard solvent; to be used as a guide only.

Unidentified ingredients are not considered hazardous under the Federal hazard Communication Standard.

SECTION 3

HAZARDS IDENTIFICATION

WARNING!

CAUSES SKIN AND EYE IRRITATION
 HARMFUL IF INHALED OR INGESTED

ROUTES OF ENTRY: skin contact, eye contact, inhalation, possibly ingestion

EYE: Contact with liquid can cause irritation, redness, tearing, blurred vision and possible freeze burns.

SKIN: Skin contact may aggravate an existing dermatitis condition. Frequent or prolonged contact may result in defatting and drying of the skin and cause dermatitis. Contact with liquid may cause severe freeze burns similar to frostbite.

INGESTION: Harmful if swallowed. Aspiration hazard!

INHALATION: Harmful if inhaled. Inhalation of vapor may produce central nervous system effects including anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness and death from asphyxiation, depending on concentration and time of exposure.

CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting diseases of the central nervous system or skin may be aggravated by exposure to this product.

HMIS RATING:

HEALTH:(1) FIRE:(4) REACTIVITY:(0) PERSONAL EQUIPMENT:(B)

**SECTION 4
FIRST AID MEASURES**

EYE: Flush eyes with large amounts of water for 15 minutes while holding eyelids open. Seek medical attention if irritation persists.

SKIN: Immediately remove contaminated clothing. Flush skin with large amounts of soap and water. Wash contaminated clothing before reuse. To treat frostbite, gradually warm frostbite area with warm water (not to exceed 105°F). If irritation occurs, get medical attention.

INGESTION: If swallowed, DO NOT induce vomiting. Get prompt medical attention.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. Qualified personnel may give oxygen if breathing is difficult. Obtain medical attention.

NOTE TO PHYSICIAN: Treat patient symptomatically.

**SECTION 5
FIRE FIGHTING MEASURES**

FLASH POINT:ND

FLAMMABLE LIMITS: (Propellant): LEL: 1.9 UEL: 9.5

AUTO IGNITION TEMPERATURE: ND

AEROSOL FLAMMABILITY: This product has been tested in accordance with the method described in 40 CFR 156.10 and found to be non flammable.

FIRE FIGHTING INSTRUCTIONS: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

EXTINGUISHING MEDIA: water, carbon dioxide, foam and/or dry chemical

Avoid a direct stream of water as product will float and can be reignited on surface of water.

HAZARDOUS COMBUSTION PRODUCTS: carbon dioxide, carbon monoxide, and volatile hydrocarbon vapors

SPECIAL HAZARDS: At elevated temperatures (over 130°F/54°C) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

SECTION 6
ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition. Provide good ventilation. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

SECTION 7
HANDLING AND STORAGE

HANDLING: Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers.

STORAGE: Do not expose to direct sunlight or store at temperatures above 130°F/54°C. Keep container closed. Store as a Level 2 Aerosol (NFPA 30B).

INCOMPATIBILITIES: strong oxidizing agents

SECTION 8
EXPOSURE CONTROL/PERSONAL PROTECTION

EYE PROTECTION: Chemical safety glasses should be worn.

SKIN PROTECTION: Chemical resistant gloves should be worn.

VENTILATION: Local exhaust is adequate under normal conditions, mechanical ventilation is optional.

RESPIRATORY PROTECTION: None required if good ventilation is maintained. If exposure exceeds occupational exposure limits, use a NIOSH approved respirator to prevent overexposure.

OTHER: Wear impervious clothing to prevent skin contact. Ensure strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and 1910.133.

SECTION 9
PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: 120 PSIG @ 130°F

VAPOR DENSITY: >1 (air=1)

SOLUBILITY IN WATER: appreciable

SPECIFIC GRAVITY: <1 (H₂O=1)

EVAPORATION RATE: <1 (ether=1)

APPEARANCE AND ODOR: light colored liquid; mild paraffinic hydrocarbon odor

SECTION 10
STABILITY AND REACTIVITY

STABLE: yes

MATERIALS TO AVOID (INCOMPATIBILITY): strong oxidizing agents

SECTION 11
TOXICOLOGICAL INFORMATION

Prolonged and repeated exposures to isoparaffinic hydrocarbons have resulted in renal tubular damage in kidneys of male rats. This effect appears to be the result of an accumulation of a male rat-specific protein, alpha 2U-globulin, in renal tubular cells and may not be relevant for humans who do not have this protein.

SECTION 12
ECOTOXICOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: none known

CHEMICAL FATE INFORMATION: none known

BIODEGRADABILITY: none known

SECTION 13
DISPOSAL CONSIDERATIONS

Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state, and federal regulations.

SECTION 14
TRANSPORT INFORMATION

D.O.T. CLASSIFICATION: Consumer Commodity (Hazard Class ORM-D)

SECTION 15
REGULATORY INFORMATION

To the best of our knowledge, all intentionally present components are listed on the TSCA Inventory of Chemical Substances.

This product contains compounds classified as oils under Section 311 of the Clean Water Act. Spills into or leading to surface waters that cause a sheen must be reported to the national response center @ 1-800-424-8802.

SECTION 16
OTHER INFORMATION

While the information set forth herein is believed to be accurate as of the date hereof, the Company makes no warranty or guarantee, express or implied, and disclaims all liability arising out of the use of this information.

Created by: Amanda M. Zrout 630-543-7600
As of 09/02/1998