

MATERIAL SAFETY DATA SHEET
EP1306 – SWELL STAINLESS STEEL CLEANER

VERSION 2 EFFECTIVE DATE: 01/01/10
Section(s) Revised: HMIS, II, III, IV, V, VI, VII, VIII, IX

Emergency Medical Telephone Number: 1-866/836-8855 (24 HRS) **PRODUCT HAZARD RATINGS (HMIS®):** Health = *2, Fire = 4, Reactivity = 0 Protective Equipment = B
(Rating Index: 4 = Severe, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal, * = Chronic Hazard)

SECTION I

EPIC INDUSTRIES
1007 Jersey Avenue
New Brunswick, NJ 08901

TELEPHONE # FOR INFORMATION: 1-800-221-3742
effective 10/26/08

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Chemical Names (CAS #) Wt.	SARA SEC 313	ACGIH TLV-TWA/STEL	OSHA PEL-TWA/STEL	% By
Synthetic Isoparaffinic Hydrocarbon (64742-47-8)	No	NE / NE	152 ppm*/ NE	10-30
Mineral Spirits (64742-48-9)	No	177 ppm*/ NE	177 ppm**/ NE	10-30
Acetone (67-64-1)	No	500 ppm/ 750 ppm	1000 ppm/ NE	10-30
Methyl Acetate (79-20-9)	No	200 ppm/250 ppm	200 ppm/250 ppm	1-10
Propane (74-98-6)	No	1000 ppm/ NE	1000 ppm/ NE	10-30

Balance of ingredients are non-hazardous or below reportable levels.

* Potential significant contribution to the overall exposure of this chemical via the skin

** ExxonMobil recommendation

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Point: NA **Vapor Pressure (psig)(± 5 psig):** 85 @ 130°F / 43 @ 70°F
Specific Gravity – calculated (H2O=1): 0.7514 ± 0.005 **pH:** NA **Solubility/Water:** Negligible **Vapor Density (AIR=1):** ND
Evaporation Rate (Ether=1): ND
Appearance and Odor: Clear, colorless aerosol spray with solvent odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Aerosol Flammability: Product is to be labeled as flammable as described in 16 CFR 1500.3 and 1500.45.

Flashpoint: <0°F (Propellant); ≥-4°F (Concentrate)

Flammable Limits - % Volume In Air (Propellant): LEL: 2.2 UEL: 9.5

Extinguishing Media: Carbon dioxide, water spray, foam, or dry chemical.

Special Fire Fighting Procedures: 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.

Unusual Fire and Explosion Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protection clothing. At elevated temperatures (over 54C-130F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

SECTION V - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** NA

Incompatibility (Materials to Avoid): Oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrocarbon vapors.

Conditions to Avoid: Keep away from heat, sparks, and flames. Dropping of containers may cause bursting.

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation: Y Eyes: Y Skin: Y Ingestion: N

HAZARDS IDENTIFICATION:

EYES: May cause severe irritation. **SKIN:** May cause mild irritation. **INHALATION:** Irritating to eyes, nose and respiratory tract. Can cause dizziness, headaches and incoordination. Nausea, vomiting and stomach upset can occur. Under misuse or intentional misuse, product may cause asphyxiation. **INGESTION:** Exposure by ingestion is unlikely since an aerosol, but if ingested, the following may occur: Possible aspiration hazard - may cause inflammation of the lungs. May be harmful if swallowed.

AGGRAVATED MEDICAL CONDITIONS: May aggravate pre-existing skin conditions. **TARGET ORGANS:** Nervous system. Eyes. Skin.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

SKIN: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

INHALATION: Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration.

INGESTION: In the unlikely event of swallowing: **Call physician immediately.** Do NOT induce vomiting unless directed by medical personnel. Rinse mouth with water and give another cupful to drink. Never give anything by mouth to an unconscious person.

CARCINOGENICITY: No regulated ingredients.

CARCINOGENICITY:

	ACGIH	IARC	NTP	OSHA
Acetone	A4	No	No	No

TOXICITY INFORMATION:

Acetone:

After prolonged or repeated exposure, development of cataracts has been reported in laboratory animals.

LD50 Oral (Rat):	9750 mg/kg
LD50 Dermal (Rabbit):	20,000 mg/kg
LC50 Inhalation (Rat):	16,000 ppm/4hr

Methyl Acetate:

LD50 Oral (Rat):	>5000 mg/kg
LD50 Dermal (Rabbit):	>5000 mg/kg
LC50 Inhalation (Rat):	>16,000 ppm/4 hr.

Methanol:

Reported to cause birth defects in rats exposed to 20,000 ppm.

LD50 Oral (Rat):	5600-13,000 mg/kg
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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Releases or Spills: Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material.

Waste Disposal Method: 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. Disposal regulations may be different for each state and/or locality.

Handling And Storing: Avoid breathing vapor. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C). Store as **Level 3 Aerosol (NFPA 30B).**

Other Precautions: Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

SECTION VIII - EMPLOYEE PROTECTION

Respiratory Protection (Type): None required if good ventilation is maintained. If exposure exceeds occupational exposure limits (Sec. II), use a NIOSH approved respirator to prevent overexposure.

Ventilation: General ventilation is adequate under normal conditions; mechanical ventilation is optional.

Protective Gloves: Chemical resistant gloves are recommended – consult glove manufacturer to determine the proper type for a specific operation.

Eye Protection: Safety glasses are recommended.

Other Protective Clothing or Equipment: Wearing of impervious clothing to prevent skin contact is optional.

Work/Hygienic Practices: 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 CFR 1910.133.

SECTION IX - OTHER REGULATORY CONTROLS

FEDERAL:

Toxic Substance Control Act (TSCA): Ingredients of this product are listed on the EPA/TSCA Inventor of Chemical Substances.

STATE RIGHT-TO-KNOW:

Pennsylvania/New Jersey Right-To-Know (Chemical and CAS No.):

- White Mineral Oil (8042-47-5)
- Synthetic Isoparaffinic Hydrocarbon (64742-47-8)
- Mineral Spirits (64742-48-9)
- Acetone (67-64-1)
- Methyl Acetate (79-20-9)
- Propane (74-98-6).

SECTION X - TRANSPORTATION (D.O.T. CLASSIFICATION)

Proper Shipping Name: Consumer Commodity **Hazard Class:** ORM-D

NG: Negligible NA: Not Applicable NE: Not Established UN: Unavailable ND: Not Determined

APPROVAL
TECHNICAL DIRECTOR

10/26/10
DATE