

# Material Safety Data Sheet

Enhance

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**DATE PREPARED:** 07/09/2013

**REVISION DATE:** 7/18/13

**CHEM-TEL:** 800-225-3924

**PRODUCT NUMBER:** 2490

## SECTION I - IDENTIFICATION

**PRODUCT NAME:** Enhance

**PRODUCT CODE:** 2490

**PRODUCT USE:** Steel and Metal Polish

## SECTION II – COMPOSITION/HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Isoparaffinic Hydrocarbon	64742-47-8	400 ppm	400 ppm
Propane/n-Butane	68476-86-8	N/A	1000 ppm
White Mineral Oil	8042-47-5	5 mg/m3	5 mg/m3

## SECTION III – HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Aerosol under pressure do not expose to temperatures above 120°F or store in direct sunlight, may develop pressure and cause can to burst.

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** May cause irritation.

**INGESTION:** May cause gastric discomfort and nausea. No hazard by this route in normal use.

**INHALATION:** No hazards under normal use due to its low volatility. If vapor is present in high concentrations, irritation to upper respiratory tract may occur.

**SKIN:** May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

**MEDICAL CONDITION AGGRAVATED:** None known

**CHRONIC HEALTH HAZARDS:** None known

**CARCINOGENICITY:**

**OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

## SECTION IV - FIRST AID MEASURES

**EYES:** Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

**INGESTION:** Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Drink large quantities (1 qt, 2-4 glasses) of warm water. Seek immediate medical attention.

**INHALATION:** Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

**SKIN:** Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.

**NOTE TO PHYSICIAN:** None

## SECTION V – FIRE-FIGHTING MEASURES

**FLASH POINT:** > 175°F

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, and water spray or fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes, and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

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## SECTION VI – ACCIDENTAL RELEASE MEASURES

**SPILL:** Stop leak if you can do so without risk. Move the cylinder/can to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent spill from entering sewers, storm drains, and natural waterways. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

**WASTE DISPOSAL:** Dispose in accordance with local, state and federal laws. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection

**RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

## SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Store in cool, dry, ventilated area. Exposure to temperatures above 120°F may cause bursting.

**OTHER PRECAUTIONS:** Keep out of the reach of children. Follow label instructions exactly.

## SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS / VENTILATION:** Ambient ventilation adequate.

**RESPIRATORY PROTECTION:** Not required with normal use.

**PROTECTIVE CLOTHING:** Safety glasses and chemical resistant gloves are recommended.

**ADDITIONAL MEASURES:** Wash hands thoroughly after use.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear Liquid

**ODOR:** Lemon scent

**PHYSICAL STATE:** Liquid

**BOILING POINT:** 388°F

**VAPOR PRESSURE (mm Hg):** 0.5 @ 77°F (25°C)

**VAPOR DENSITY (AIR=1):** > 1

**EVAPORATION RATE:** 0.2

**SPECIFIC GRAVITY (H2O=1):** 0.81

**pH:** Not Applicable

**SOLUBILITY IN WATER:** 0%

**VOLATILITY INCLUDING WATER (%):**

**VOLATILE ORGANIC COMPOUNDS (VOC):** 20%

## SECTION X – STABILITY AND REACTIVITY DATA

**CHEMICAL STABILITY:** Stable

**CONDITIONS TO AVOID:** Temperatures greater than 120°F and sources of ignition.

**INCOMPATIBILITY:** Some plastics and painted surfaces, pre-test before using.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon

**HAZARDOUS POLYMERIZATION:** Will not occur

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Isoparaffinic Hydrocarbon (64742-47-8) LD<sub>50</sub> (Oral, Rat) 5 g/kg; LD<sub>50</sub> (Dermal, Rabbit) 2 g/kg; LC<sub>50</sub> (Rat, 4hr) 5 mg/L

## SECTION XII – ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** Isoparaffinic Hydrocarbon (64742-47-8) Not expected to be harmful or demonstrate chronic toxicity toward aquatic organisms. Expected to be readily biodegradable.

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**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose in accordance with local, state and federal laws. Do not reuse, puncture, or incinerate container. Wrap container and place in trash collection

**RCRA STATUS:** Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Non-corrosive Cleaning Compound

**HAZARD CLASS/DIVISION:** ORM-D

**PACKAGING GROUP:**

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty. Class 2

**HAZARD CLASS/DIVISION:** 2.1

**UN/NA NUMBER:** UN 1950

**PACKAGING GROUP:** N/A

**NOTE:**

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** None

**SARA 313 REPORTABLE INGREDIENTS:** None

**STATE REGULATIONS:** California Proposition 65: None

**INTERNATIONAL REGULATIONS:** Isoparaffinic Hydrocarbon (64742-47-8)

**NFPA HEALTH:** 1

**NFPA FLAMMABILITY:** 3

**NFPA REACTIVITY:** 1

**NFPA OTHER:** None

**HMIS HEALTH:** 1

**HMIS FLAMMABILITY:** 3

**HMIS REACTIVITY:** 1

**HMIS PROTECTION:** A

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** Tad Hebdon

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