



# **SAFETY DATA SHEET**

## **1032 - Purple Power Degreaser**

**Version 1.0 2015-05-26**

### **SECTION 1 PRODUCT IDENTIFICATION AND COMPANY INFORMATION**

PRODUCT NAME: PURPLE POWER CONCENTRATE  
PRODUCT CODE: 1032  
PRODUCT USE: Hard surface cleaning of automobile engines, wheels, tires, carpets trunks and door jams  
CAS NUMBER: N/A - MIXTURE

COMPANY: HI-LUSTRE PRODUCTS, INC.  
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24 HOUR EMERGENCY TELEPHONE NUMBERS  
Spill, Leak, Fire or Accident Call PERS  
USA - NATIONAL POISON CONTROL SYSTEM

NORTH AMERICA: 800-633-8253  
INTERNATIONAL: 801-629-0667  
LOCAL POISON ACTION LINE: 800-222-1222

### **SECTION 2 HAZARD IDENTIFICATION**

#### **Emergency Overview:**

<b>GHS Hazard Classification:</b>	Acute Toxicity (Oral)	Category 4
	Acute Toxicity (Inhalation)	Category 4
	Acute Toxicity (Dermal)	Category 4
	Skin Irritation	Category 2
	Eye Irritation	Category 2A

#### **GHS Label Elements**

Signal Word: Warning

Pictogram:



**Hazard Statements:** Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled.

**Precautionary statements:** Keep out of reach of children. Read label before Use. Keep container tightly closed. Avoid breathing mist/spray. Do not get in eyes, on skin, or on clothing. Wash with soap thoroughly after handling. Wear protective gloves/protective clothing.

**Response:** IF IN EYES - Rinse continuously with water for several minutes, remove contact lenses and continue rinsing. IF ON SKIN - Wash with plenty of soap and water. IF SWALLOWED - Rinse mouth, do NOT induce vomiting.

**Storage:** Store in accordance with local/national regulations.

**Disposal:** Dispose of contents/container in accordance with local/national/international regulations.

### **SECTION 3 COMPOSITION INFORMATION ON INGREDIENTS**

Sodium Metasilicate	CAS # 6834-92-0
EDTA Tetrasodium Salt	CAS # 64-02-8
Non-Ionic Surfactant - Glycol Ether Mixture	Proprietary

### **SECTION 4 FIRST AID MEASURES**

**IF IN EYES:** Rinse continuously with water for several minutes, remove contact lenses and continue rinsing.

**IF ON SKIN:** Wash with plenty of soap and water.

**IF SWALLOWED:** Rinse mouth, do NOT induce vomiting.

## **SECTION 5 FIREFIGHTING MEASURES**

**Conditions of flammability:** Not likely under normal conditions as the Flash Point is above 212 DF (100 DC). Even upon heating this product would give off only water vapor.

**Suitable extinguishing media:** Foam, water, water spray

**Special protective equipment for firefighters:** Wear a self-contained breathing apparatus with a full face-piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

**Hazardous Combustion Products:** Some oxides of carbon on incineration

**Additional Information:** Fire & Explosion Hazards are not known for this Water based product.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and Materials for containment and cleaning up:** SMALL SPILLS: Absorb with suitable absorbent material, place in chemical waste container, close tightly and dispose of properly. LARGE SPILLS: Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required. Absorb remaining liquid with suitable absorbent material and place in chemical waste container, close tightly and dispose of properly.

## **SECTION 7 HANDLING AND STORAGE**

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use in a well-ventilated area and wear protective equipment as required. Avoid misting, heating or splashing. Wash thoroughly after handling.

**Storage:** Store in closed containers in a cool, dry, well-ventilated area. Protect containers from physical damage.

**Special Precautions:** Empty containers retain product residues (vapor, liquid and/or solid) and may be hazardous. Observe all hazard precautions. Keep empty containers closed and do not use to mix or store any other materials.

## **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Components with workplace control parameters:** None

### **Personal protective equipment**

**Respiratory protection:** Not normally required for use in well ventilated areas.

**Hand Protection:** Handle with alkali resistant gloves.

**Eye Protection:** Use chemical splash goggles such as NIOSH (US) or EN 166 (EU).

**Skin and Body Protection:** Work apron or protective clothing with long sleeves to prevent skin contact.

**Hygiene Measures:** Handle in accordance with good industrial hygiene. Wash hands before breaks and at the end of the workday.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Properties</b>	Appearance	Clear purple liquid
	pH	13.5 to 13.8
	Boiling Point	Approximately 212 deg F
	Solubility in Water	Soluble
	Vapor Pressure	Not Determined (Water based)
	VOC	0.7 Lbs/Gallon (83.96 Grams per Liter)
	Vapor Density	< 1
	Specific Gravity	1.01
	Evaporation Rate	Approximately 0.4 (Butyl Acetate = 1)

## **SECTION 10 STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under recommended storage and usage conditions

**Possibility of hazardous reactions:** There is very low possibility of hazardous reactions with this product

**Conditions to avoid:** Heat

**Materials to avoid:** Strong acids – strong acids are not compatible with this product.

**Hazardous Decomposition Products:** Some oxides of carbon on incineration.

**Hazardous Polymerization:** This product does not polymerize.

## **SECTION 11 TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** Sodium Metasilicate, CAS # 6834-92-0 Oral LD 50 Rat 1153 mg/Kg.  
EDTA Tetrasodium Salt, CAS # 64-02-8 Oral LD 50 Rat 3,030 mg/Kg.  
Dermal LD50 Rabbit > 5,000 mg/Kg.

**Carcinogenicity Data:** EDTA Tetrasodium Salt, CAS # 64-02-8 has no data as a Human Carcinogen. Nitritotriacetate, trisodium salt a component of EDTA is possibly carcinogenic to humans 2B per IARC, which is present in less than 0.0876% in this composition.

**Reproductive Data:** No data is available  
**Teratogenicity:** No data is available  
**Specific Target Organ Toxicity (STOT):** No data is available  
**Potential Health effects:** None known for exposure to the product as a whole  
**Signs and Symptoms of Exposure:** None known for exposure to the product as a whole

## **SECTION 12 ECOLOGICAL INFORMATION**

**Toxicity:** None known for exposure to the product as a whole  
**Toxicity:** EDTA Tetrasodium Salt, CAS # 64-02-8 is practically non-toxic to fish on an acute basis (LC50 > 100 mg/L).  
Fish Acute & Prolonged Toxicity  
LC50, fathead minnow (*Pimephales promelas*), 96 h: > 100 mg/l

**Persistence and degradability:** EDTA Tetrasodium Salt, CAS # 64-02-8  
Biodegradation under aerobic laboratory conditions is below detectable limits (BOD20 or BOD28/Theoretical Oxygen Demand < 2.5%)  
Chemical Oxygen Demand: 0.19 - 0.28 mg/mg  
Theoretical Oxygen Demand: 1.31 mg/mg

**Bio-accumulative potential:** No data available.  
**Mobility in soil:** No data available.  
**PBT and vPVB assessment:** No data available.  
**Other adverse effects:** No data available.

## **SECTION 13 DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all applicable local, state and federal regulations.

## **SECTION 14 TRANSPORTATION INFORMATION**

**DOT (US):** This is not a regulated material  
**IATA and ICAO (Air Transportation):** This is not a regulated material  
**IMDG (Water Transportation):** This is not a regulated material

## **SECTION 15 REGULATORY INFORMATION**

**OSHA Hazards:** Harmful by ingestion. Harmful by skin absorption. Irritant  
**US TSCA:** All ingredients listed  
**CANADA:** Inventory Status - All ingredients listed  
**SARA 302 For Components:** No Chemicals in this material are subject to reporting requirements of SARA Title III.  
**SARA 313 For Components:** No Chemicals in this material are subject to reporting requirements of SARA Title III.  
**SARA 311/312 Hazards:** EDTA Tetrasodium Salt, CAS # 64-02-8, Acute Health Hazard, Delayed (Chronic) Health Hazard  
Sodium Metasilicate, CAS # 6834-92-0, Acute Health Hazard, Chronic Health Hazard  
**California Prop. 65:** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.  
This product contains 0.0086672 % of Formaldehyde.  
**HMIS RATING:** Health = 1 Flammability = 0 Reactivity = 0 Personal Protection = See Section 8  
**HMIS STANDARD:** 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

**SECTION 16    OTHER INFORMATION**

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