

## MATERIAL SAFETY DATA SHEET

Restore Inc.  
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2/15

### 1) Product and Company Identification

PRODUCT NAME: RESTORE - Fuel System Restorer

ITEM / UPC NUMBER: 50012, 24631-50012  
CHEMICAL NAME: PROPRIETARY MIXTURE  
CHEMICAL FORMULA: PROPRIETARY MIXTURE  
CHEMICAL FAMILY: GASOLINE PERFORMANCE ADDITIVE

### 2) Composition / Information on Ingredients

CHEMICAL NAME:	CAS NUMBER	AMOUNT
Petroleum Distillates	008008-20-6	> 80 %
Proprietary Mixture	Proprietary	< 20 %

### 3) Hazards Identification

#### ◆◆◆◆Emergency Overview◆◆◆◆

RESTORE Fuel System Restorer is a red colored liquid. This product is a combustible liquid per OSHA hazard communication standard and should be kept away from heat, flame, sparks and sources of ignition.

Prolonged or repeated contact with skin may cause severe irritation . If swallowed or aspirated into lungs, this product may cause serious injury or even death. Seek immediate medical attention if product comes in contact with eyes, is swallowed, or is aspirated into lungs.

HMIS Rating : Health: 2 Flammability : 2 Reactivity: 0 PE : B

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## **Potential Health Effects**

**Eye Contact:** Eye contact may cause eye irritation with discomfort, tearing or blurring of vision.

**Skin Contact:** Skin contact may cause skin irritation with discomfort or rash. May penetrate the skin in amounts capable of causing systemic toxicity.

**Inhalation:** Inhalation of vapors may cause irritation of the upper respiratory passages with coughing and discomfort.

**Ingestion:** Ingestion may cause gastrointestinal tract irritation. Aspiration into the lungs during ingestion or vomiting may lead to chemical pneumonitis.

Inhalation or ingestion may cause nonspecific discomfort, such as nausea, headache, or weakness; or temporary nervous system depression with anesthetic effects such as dizziness, headache, confusion, in-coordination, and loss of consciousness. Inhalation or ingestion may cause abnormal liver or kidney function. Higher exposure may lead to cardiac stress; anemia and other blood changes; respiratory effects; possible liver and kidney damage; or fatality from gross overexposure.

Small amounts aspirated into the lungs during ingestion or vomiting may cause lung injury, possibly leading to death. Symptoms of aspiration into the lungs include coughing, gasping, choking, shortness of breath, bluish discolored skin, rapid breathing and heart rate. Chemical pneumonitis from aspiration may result in fever. Pulmonary edema or bleeding, drowsiness, confusion, coma and seizures may occur in more serious cases. Symptoms may develop immediately or as late as 24 hours after the exposure, depending on how much chemical entered the lungs.

**ACUTE OVEREXPOSURE EFFECTS:** Exposure may cause eye and skin irritation.

**CHRONIC OVEREXPOSURE EFFECTS:** Prolonged or repeated skin contact may cause dermatitis. Chronic inhalation may cause effects similar to those of acute inhalation and ingestion.

#### **4) First Aid Measures**

**EYES:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Seek immediate medical attention .

**SKIN:** Immediately wash with soap and flush skin with plenty of water. Remove contaminated clothes and shoes. Seek medical attention if skin becomes irritated.

**INGESTION:** Do not induce vomiting. Rinse mouth out with water. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

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

**EXPOSURE LIMITS:** Not established for mixture.

#### **5) Fire Fighting Measures**

**FLASH POINT:** >125F

**EXTINGUISHING MEDIA:** Dry chemical, foam or carbon dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES:** As for petroleum products, use self contained breathing apparatus.

**UNUSUAL HAZARDS:** Combustible Liquid and Vapor. Keep away from heat sources, sparks and flame. Use only with adequate ventilation.

#### **6) Accidental Release Measures**

**SPILL OR LEAKS:** Ventilate area. Remove sources of ignition. Contain any spills with dikes or absorbent to prevent migration and entry into sewers or streams. Take up small spills with dry chemical absorbent. Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent. May require excavation of contaminated soil.

**DISPOSAL METHODS:** As a waste, this product is hazardous under federal regulations in effect as of this MSDS issue date. It must be disposed of in a permitted hazardous waste facility in compliance with applicable local, state and federal regulations. It should be handled in a manner acceptable to good waste management practice.

## **7) Handling and Storage**

**HANDLING:** Avoid breathing vapors or mist. Avoid contact with eyes, skin or clothing.  
Wash hands thoroughly with soap and water after handling.

**STORAGE:** Store in a cool, dry, well ventilated area away from sources of heat, flame, sparks or sources of ignition. Keep containers closed when not in use.

**INCOMPATIBLE MATERIALS:** Strong Oxidizers

## **8) Exposure Controls / Personal Protection**

**EXPOSURE LIMITS:** Not established for mixture.

**EYE PROTECTION:** Chemical goggles or face shield.

**PROTECTIVE GLOVES:** Resistant to chemical penetration.

**RESPIRATORY PROTECTION:** Full facepiece, NIOSH approved organic vapor respirator.

**LOCAL EXHAUST VENTILATION:** At source of vapor.

**MECHANICAL VENTILATION:** recommended.

## **9) Physical and Chemical Properties**

**COLOR:** Red

**FORM/APPEARANCE:** liquid/clear

**ODOR:** aromatic

**ODOR INTENSITY:** moderate

**SOLUBILITY IN WATER:** negligible

**SPECIFIC GRAVITY:** 0.85

## **10) Stability and Reactivity**

**STABILITY:** Stable under normal temperatures and storage conditions.

**CONDITIONS TO AVOID:** Ignition sources, sparks, excess heat.

**MATERIALS TO AVOID:** Strong oxidizers, strong reducing agents.

**HAZARDOUS POLYMERIZATION:** Has not been reported.

**DECOMPOSITION PRODUCTS:** No Data Available

## **11) Toxicological Information**

No data available for this mixture, however it contains chemicals that may cause irritation to eyes and skin upon contact. Accidental ingestion or aspiration into lungs may cause serious injury or death.

## 12) Ecological Information

Product can cause fouling of shoreline and may be harmful to aquatic life in low concentrations. If released in soil and water, this product is expected to biodegrade under aerobic and anaerobic conditions.

## 13) Disposal Considerations

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State and Local regulations.

## 14) Transport Information

### DOT

Proper Shipping Name: Combustible Liquid, n.o.s.

Hazard Class: 3

I.D. No. (UN/NA): UN 1993

Packing Group: III

Special Information:

Not regulated for limited quantity containers less than 60 L capacity

Marine Pollutant: No

### IMO/ IMDG

Proper Shipping Name: Flammable Liquid, n.o.s.

Hazard Class: 3

I.D. No. (UN/NA): UN 1993

Packing Group: III

Special Information: Flash Point > 50 °C

Marine Pollutant: No

## 15) Regulatory Information

**HAZARD CATEGORIES FOR SARA 311/312 REPORTING:**

**HEALTH: immediate (acute) YES**

**HEALTH: delayed (chronic) YES**

**PHYSICAL: fire YES**

**PHYSICAL: sudden release of pressure NO**

**PHYSICAL: reactive NO**

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