



## Material Safety Data Sheet - U.S.A.

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August 1, 2004

**RxP Products, Inc.**  
**1630 22nd Street North**  
**St. Petersburg, FL 33713**

**TELEPHONE NUMBERS:**

Emergency (CMA): 1 202 887-1100  
Within Continental U.S.: 1 800 424-9300  
During Business Hours: 1 727 327-2394

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### A. Product Identification

Synonyms: RxP Fuel Dynamizer

Chemical Name: Mixture

Chemical Family: Hydrocarbon

Chemical Formula: Mixture

CCAST Registration #: 31779

Export Commodity Control #: 1C96G

Products and/or Components Entered on EPA's TSCA Inventory: Yes, this product has been commercially introduced into U.S. commerce, and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals in Commerce; hence, it is subject to all applicable provisions and restrictions under TSCA 40 CFR, section 721 and 723.250.

### B. Hazardous Components

Ingredients: RxP Fuel Oil

% By Weight: 100

OSHA PEL: NE

ACGIH TLV: NE

**NE - Not Established**

**NA - Not Applicable**

### **C. Personal Protection Information**

Ventilation: Use adequate ventilation.

Respiratory Protection: Not generally required. In case of spill or leak resulting in unknown concentration, use NIOSH/MSHA approved supplied air respirator.

Eye Protection: Use chemical goggles for splash protection.

Skin Protection: Use impervious gloves. Use protective garments to prevent excessive skin contact.

NOTE: Personal protection information shown in Section C is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.

### **D. Handling and Storage Precautions**

Do not get in eyes, on skin, or on clothing. Avoid breathing vapors. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Wash thoroughly after handling. Launder contaminated clothing before reuse.

Store in cool, well-ventilated area away from ignition sources. Provide means for controlling leaks and spills. Bond and ground during liquid transfer. Keep containers closed.

### **E. Reactivity Data**

Stability:	Stable
Conditions to Avoid:	Not Applicable
Incompatibility (Materials to Avoid)	Oxygen and strong oxidizing agents
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	Carbon oxides and various hydrocarbons formed when burned

### **F. Health Hazard Data**

Recommended Exposure Limits: Not established.

*Acute Effects of Overexposure*

Eye: May cause slight irritation.

Skin: May cause moderate to severe irritation. Requested skin contact may cause severe skin irritation reactions.

Inhalation: May cause irritation to nose, throat, lungs. Headache, nausea, dizziness and unconsciousness.

Ingestion: May cause irritation to intestines. Nausea, headache and unconsciousness. May be aspirated into lungs if swallowed resulting in pulmonary edema and chemical pneumonitis.

*Sub-chronic and Chronic Effects of Overexposure*

No known applicable information.

*Other Health Effects*

Combustion: Normal use of *RxP* Fuel Dynamizer, results in an exhaust that has been associated with lung cancer in animals. There is limited evidence to suggest an association between occupational exposure to exhaust and lung cancer in humans.

**Health Hazard Categories:**

<b>What</b>	<b>Animal</b>	<b>Human</b>
Known Carcinogen	NO	NO
Suspect Carcinogen	NO	NO
Mutagen	NO	NO
Teratogen	NO	NO
Allergic Sensitizer	NO	NO
Highly Toxic	NO	NO
Toxic	NO	NO
Corrosive	NO	NO
Irritant	YES	YES
Target Organ Toxin	YES	YES
Specify: Lung	Aspiration Hazard	Aspiration Hazard
	Freeze Burn	Freeze Burn
Skin & Eye	Hazard	Hazard

*First Aid and Emergency Procedures:*

Eye: Flush eyes with running water for at least fifteen minutes. If irritation develops, seek medical attention.

Skin: Wash skin with soap and water. If irritation develops, seek medical attention.

Inhalation: Remove from exposure. If illness or adverse symptoms develop, seek medical attention.

Ingestion: Do not induce vomiting. Seek immediate medical attention.

**NOTE TO PHYSICIAN: GASTRIC LAVAGE USING A CUFFED  
ENDOTRACHEAL TUBE MAY BE PERFORMED AT YOUR DISCRETION.**

**G. Physical Data**

Appearance	Amber Liquid
Odor	Mild
Boiling Point	350-650F (177-343C)
Vapor Pressure	1 mm Hg at 68F (20C)
Vapor Density (Air = 1)	Not Established
Water	Negligible
Specific Gravity (H <sub>2</sub> O = 1)	0.80 at 60/60F (15.6/15.5C)
Percent Volatile by Volume	100
Evaporation Rate (Butyl Acetate = 1)	1
Viscosity	Not Established

**H. Fire and Explosion Data**

Flash Point (Method Used): 140F (60C) (TCC, ASTM D56)

Flammable Limits (% by Volume in Air):

LEL - Not Established

UEL - Not Established

Fire Extinguishing Media: Dry chemical, foam or carbon dioxide (CO<sub>2</sub>)

Special Fire Fighting Procedures:

Evacuate area of all unnecessary personnel. Shut off source, if possible. Use NIOSH/MSHA approved self-contained breathing apparatus and other protective equipment and/or garments described in Section C if conditions warrant. If conditions immediately dangerous to life or health (IDLH) exist, use NIOSH/MSHA approved self-contained breathing apparatus (SCBA) equipment. Water fog or spray may be used to cool exposed containers and equipment.

Fire and Explosion Hazards: Carbon oxides and various hydrocarbons formed when burned.

## **I. Spill, Leak and Disposal Procedures**

Precautions Required if Material is Released or Spilled:

Evacuate area of all unnecessary personnel. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Shut off source if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in dry, inert material. Transfer to disposal drums using non-sparking equipment.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations): Incinerate or otherwise manage in a RCRA permitted waste management facility.

## **J. DOT Transportation**

Shipping Name: RxP Fuel Dynamizer  
Hazard Class: Combustible Liquid  
ID Number: NA 1993  
Marking: NA 1993  
NMFC #: 155150  
Class: 65  
Label: Combustible or Flammable  
Placard: None  
Hazardous Substance/RQ: Not Applicable  
Shipping Description: RxP Fuel Dynamizer, NA 1993  
Packaging References: 49 CFR 173.150

## **K. RCRA Classification**

Unadulterated Product as a Waste  
Ignitable (D001)

## **L. Protection Required for Work on Contaminated Equipment**

Use NIOSH/MSHA approved respiratory protection, such as air supplied mask, in confined spaces or other poorly ventilated areas. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Contact immediate supervisor for specific instructions before work is initiated.

## **M. Hazard Classification**

☒ This product meets the following hazard definition(s) as defined by the Occupational Safety and Health Hazard Communication Standard (29 CFR Section 1910.1200):

- ☒ Combustible Liquid
- ☐ Compressed Gas
- ☐ Flammable Gas
- ☐ Flammable Liquid
- ☐ Flammable Solid
- ☐ Flammable Aerosol

☐ Explosive  
☒ Health Hazard (Section F)  
☐ Organic Peroxide  
☐ Oxidizer  
☐ Pyrophoric  
☐ Unstable  
☐ Water Reactive  
☐ Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR Section 1910.1200.

#### **N. Additional Comments**

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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*Reviewed: January 2004*

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