

MSDS

Material Safety Data Sheet

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Identity

Product Name: Fuel Performance Catalyst
Proper Shipping Name: Combustible Liquid
UN: NA 1993 Flashpoint above 100° F
D.O.T. Label not required (49CFR 173.150(f))
Class: 3
Packing Group: III

Section I - Manufacturer's Information

FPC International, Inc.
115 N. Kenova Rd.
P. O. Box 705
South Point, OH 45680

Emergency Phone Number: (800) 424-9300 Chemtrec Account # VHIC

Information Phone Number: (740) 377-9984 (8am to 4pm Monday to Friday EST)
Fax Number: (740) 377-9913
Date Prepared: January 06, 2011 (Supersedes all other MSDS's for this product)

Section II - Hazardous Ingredients/Identity Information

<u>Trade Name</u>	<u>CAS Number</u>	<u>Percent</u>
Solvent Naphtha (Petroleum), Light Aromatic	64742-95-6	83-87
Normal Butanol	71-36-3	13-17
Picric Acid Technical	88-89-1	0.5-1.2

Section III - Physical/Chemical Characteristics

Vapor Density in Air: 3.84
Flash Point: 106 Degrees F (41°C)
Vapor Pressure: 28.5 mm Hg
Specific Gravity: 0.860 @ 60°F
Boiling Point: 300°F (147°C)
Solubility in Water: Negligible
Appearance: Emerald Green Liquid
Odor: Aromatic Hydrocarbon

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Section IV - Fire Hazard

Extinguishing Media:

Water Spray (Fog)
Dry Chemical Powder, Foam, or Halon

Special Fire Fighting Procedures:

Wear self-contained breathing apparatus, rubber boots. Heavy rubber gloves and other protective clothing. Use water spray to cool fire exposed surfaces and to protect personnel. Allow fire to burn itself out. Cover small residual fires with foam.

Unusual Fire Hazards:

Do not store with strong oxidants. Liquid spills can form a combustible, gaseous mixtures at temperatures above the flash point. Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

Section V - Reactivity Data

Stability: Stable

Incompatibilities (Materials to Avoid):

Strong Bases

Hazardous Conditions to Avoid:

May decompose on prolonged exposure to air.
Combustible. Keep away from heat, sparks, and open flame.

Hazardous Polymerization: Will not occur.

NFPA Rating:

Health = 1 Flammability = 2 Reactivity = 0 Other =

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Section VI - Health Hazard Data

Acute and Chronic Effects of Exposure:

Irritant!

Warning:

Harmful if swallowed, inhaled, or absorbed through skin. Vapor or mist is irritating to the eyes, mucous membranes, and upper respiratory tract. Ingestion of material may result in vomiting; aspiration of vomitus into the lungs must be avoided. Exposure can cause gastrointestinal disturbances, nausea, headache, vomiting, and narcotic effects. Chronic effects may cause damage to the liver and damage to the kidneys. The use of alcohol can increase the narcotic effect and the blood effects. Early to moderate central nervous system (CNS) depression may be evidenced by giddiness, headache, dizziness, and nausea. In extreme cases, unconsciousness and/or death may occur.

Section VII – Emergency and First Aid Procedures

In case of contact, immediately flush eyes and skin with large amounts of water while removing contaminated clothing. Assure adequate flushing of the eyes by separating eyelids with fingers. After adequate flushing, wash skin with soap and water. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a Physician. Wash Contaminated Clothing Before Use.

Section VIII – Special Protection Information

Chemical safety goggles
Impervious rubber gloves
Avoid breathing vapor (adequate ventilation)
Wash thoroughly after handling
Keep tightly closed when not in use (hygroscopic)
Store in a cool, dry place
Use non-sparking tools
Combustible

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Section IX - Safe Handling and Storage

Steps to be Taken if Material is Released or Spilled:

Shut off all sources of ignition. Evacuate area. Wear self-contained breathing apparatus, rubber boots, heavy rubber gloves, and other protective clothing. Recover as much spilled liquid as possible, then absorb on porous clay or vermiculite. Take up, place in a closed container, and hold for waste disposal. Ventilate area and wash spill site with hot water and detergent after material pickup is complete. Keep petroleum products out of streams and sewage systems.

Waste Disposal Method:

Burn in a chemical incinerator equipped with an afterburner and scrubber, but exercise extra caution in igniting as this material is combustible. Observe all federal, state, and local disposal regulations

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