

Permatex, Inc.
 10 Columbus Blvd.
 Hartford, CT 06106 USA
 Telephone: 1-87-Permatex
 (877) 376-2839
 Emergency: 800-255-3924

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: NOS OCTANE BOOSTER RACING FORMULA 12 FL.OZ
Item No: 12010
Product Type: Fuel additive

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
KEROSINE (PETROLEUM) 8008-20-6	>60	Not Listed	Not Listed
TRICARBONYL(METHYLCYCLOPENTADIENYL)MANGANESE 12108-13-3	<10	0.2 mg/m ³ (skin) TWA	0.2 mg/m ³ (skin) TWA
PROPRIETARY POLYMER NJTSN00850201001-5447P MIXTURE	<5	Not Listed	Not Listed
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	<5	Not Listed	100 ppm TWA
NITROMETHANE 75-52-5	<5	20 ppm TWA; 50 mg/m ³ TWA	100 ppm TWA; 250 mg/m ³ TWA
2-PROPANOL 67-63-0	<5	400 ppm TWA; 983 mg/m ³ TWA	400 ppm TWA
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROM. 64742-94-5	<5	Not Listed	Not Listed
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC 64742-95-6	<5	5 mg/m ³ TWA mist	5 mg/m ³ TWA mist
STODDARD SOLVENT 8052-41-3	<5	100 ppm TWA; 525 mg/m ³ TWA	500 ppm TWA; 2900 mg/m ³ TWA
XYLENE 1330-20-7	<5	100 ppm TWA; 434 mg/m ³ TWA	100 ppm TWA; 435 mg/m ³ TWA

3. HAZARDS IDENTIFICATION

Toxicity: Excessive inhalation causes headache, dizziness, nausea, and incoordination. Exposure to vapors or mist may result in irritation of the respiratory tract. Harmful if swallowed. Aspiration hazard if swallowed. May cause eye and skin irritation. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as "solvent" or "painter's syndrome"). Symptoms include fatigue, concentration difficulties, anxiety, depression, rapid mood swings, and short-term memory loss.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Exposure: Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Overexposure may cause eye and skin redness.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
KEROSINE (PETROLEUM) 8008-20-6	>60	male mice-no evidence; female mice-no evidence		Group 3 Vol 45, pg 203; 1989
NITROMETHANE 75-52-5	<5	male rat-no evidence; female rat-clear evidence; male mice-clear evidenc; female mice-clear evidence		Group 2B Vol 77, pg 487; 2000
XYLENE 1330-20-7	<5	male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence	A4 - Not Classifiable as a Human Carcinogen	Group 3: Vol. 71, pg 1189, 1999

Medical Conditions Recognized as Being Aggravated by Exposure: May aggravate preexisting dermatitis.

4. FIRST AID MEASURES

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration. Obtain medical attention.
Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes If skin irritation persists, call a physician
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point (°F/C): 110 degrees F. Method: PMCC
Recommended Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.
Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus.
Hazardous Products Formed by Fire or Thermal Decomposition: Oxides of nitrogen, Carbon Monoxide and Carbon Dioxide.
Unusual Fire/Explosion Hazards: Exposure to temperatures over 120 degrees F. may cause bursting or venting. Keep containers cool.

Lower Explosive Limit: Not determined.
Upper Explosive Limit: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

7. HANDLING AND STORAGE

Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.
Handling: Avoid contact with skin and eyes. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Do not take internally. Do not use near heat, sparks or open flame. Keep container closed when not in use. Wash hands before eating and smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses.
Skin: Neoprene or nitrile gloves recommended.
Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.
Respiratory Protection: An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Amber liquid
Odor: SOLVENT
Boiling Point (°F): 214-580°F.
pH: Not applicable
Solubility in Water: Soluble

Product name: NOS OCTANE BOOSTER RACING
FORMULA 12 FL.OZ

Item 12010

Specific Gravity: 0.84
VOC Content(Wt.%): >90% by weight
Vapor Pressure: Not Determined
Vapor Density (Air=1): >1
Evaporation Rate: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability:

Hazardous Polymerization:

Incompatabilities:

Conditions to Avoid:

Hazardous Products Formed by Fire or Thermal

Decomposition:

Stable at normal conditions

WILL NOT OCCUR

Acids, Strong oxidizers.

Keep away from heat, sparks and open flame.

Oxides of nitrogen, Carbon Monoxide and Carbon Dioxide.

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations.

US EPA Waste Number: D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Domestic Ground Transport

DOT Shipping Name: Unrestricted

Hazard Class: NONE

UN/ID Number: None

Marine Pollutant: None

IATA

Proper Shipping Name: Consumer Commodity

Class or Division: Class 9

UN/NA Number: ID 8000

IMDG

Proper Shipping: Kerosene solution, Limited Quantity

Hazard Class: Class 3.3

UN Number: UN 1223

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

SARA 313 Information

XYLENE

CALIFORNIA PROP 65:

No California Prop 65 chemicals are known to be present.

TSCA Inventory Status:

Listed on Inventory: YES All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 2, REACTIVITY 0

Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 2, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

HMIS is a registered trademark of the National Paint and Coatings Assn.

Product name: NOS OCTANE BOOSTER RACING
FORMULA 12 FL.OZ

Item 12010

Prepared By: Denise Boyd, Health and Safety Manager
Company: Permatex, Inc. 10 Columbus Blvd. Hartford, CT USA
06106

Telephone Number: 1-87-Permatex (877) 376-2839

Revision Date: 01/25/2005
Revision New
Number: