

MATERIAL SAFETY DATA SHEET

Hexanes (From Petroleum)

SECTION 1 . Product and Company Identification

Product Name and Synonym: Hexanes (From Petroleum)

Product Code: H1955

Material Uses:

Manufacturer:

Science Stuff
1104 Newport Ave

Austin, TX 78753
(512) 837-6020

Entry Date : 6/5/2013

Print Date: 6/5/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	3
Flammability:	3
Reactivity:	0

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4
NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input checked="" type="checkbox"/>	Hexanes (From Petroleum)	CAS# 107-83-5	100%	V/V	OSHA TWA 500 ppm (1800 mg/mf)

SECTION 4 FIRST AID MEASURES

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: CALL A PHYSICIAN. SKIN: Remove contaminated clothing. Wash exposed area with soap and water.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: CO2, dry chemical powder, alcohol or polymer foam.

Fire / Explosion Hazards: Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions. Extremely flammable.

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Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Evacuate area. Wear self-contained breathing apparatus and protective clothing. Eliminate all sources of ignition. cover with activated carbon absorb, take up and place in closed

SECTION 7 HANDLING AND STORAGE

Store in cool area away from ignition sources keep tightly closed . Keep away from heat, sparks and open flames.
Store in a cool dry place .

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator

Ventilation

Local Exhaust

Mechanical

Protective Gloves: chemical resistant gloves

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	not available	Percent Volatile by Volume:	100
Boiling Point:	>68°C	Evaporation Rate	N/A
Vapor Pressure:	100mm @ 15.8° c	Evaporation Standard	Not Applicable
Vapor Density:	2.97	Auto Ignition Temp	Information not available
Solubility in Water:	insoluble	Lower Flamm. Limit in Air	1.1%
Appearance /Odors:	liquid	Upper Flamm. Limit in Air	7.5%
Flash Point:	-23° C		
Specific Gravity:	0.68		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:	Stable
Conditions to Avoid:	sparks, open flames
Materials to Avoid:	Oxidizing materials. And w/chlorine fluorine, magnesium perchlorate
Hazardous Decomposition Products:	toxic fumes of:co,co*2.
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 Toxicological Information

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SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

DOT Classification: Hexanes, 3, UN1208, PG II

DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

SECTION 16 Additional Information

harmful if swallowed, inhaled or absorbed through skin. Vapor or mist is irritating to eyes, mucous membranes and upper respiratory tract. Causes skin irritation. May cause nervous system disturbances. Conditions aggravated / target organs. Persons with pre-existing eye, skin or respiratory conditions may be more susceptible.

Flammability

Health

Reactivity

Revisions

NFPA

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