

MATERIAL SAFETY DATA SHEET

Heptane

SECTION 1 . Product and Company Identification

Product Name and Synonym: Heptane
Product Code: H1905
Material Uses:
Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020
Entry Date : 3/20/2013
Print Date: 3/20/2013
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 type="checkbox"/>	Heptane	CAS# 142-82-5	100%	V/V	

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: Alcohol foam , dry chemicals, or carbon dioxide.
Fire / Explosion Hazards: Vapors may flow along surf to sources of ignition and flash back. Closed containers exposed to heat may explode.
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Heptane

Eliminate Ignition Sources. Absorb with inert material. Place in container. Vent area and wash site.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Wear appropriate gloves to prevent skin exposure
Eye Protection: Goggles and Face Shield
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	-132 Deg F	Percent Volatile by Volume:	100%
Boiling Point:	208 Deg F	Evaporation Rate	4.3
Vapor Pressure:	Not applicable	Evaporation Standard	Butylacetate =1
Vapor Density:	3.5	Auto Ignition Temp	399° F (203.8° C)
Solubility in Water:	Negligible	Lower Flamm. Limit in Air	1.1%
Appearance /Odors:	Clear colorless liquid.Faint odor	Upper Flamm. Limit in Air	6.7%
Flash Point:	26.6 Deg F		
Specific Gravity:	0.68		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: Heat, flames other sources of ignition.
Materials to Avoid: Strong oxidizing agents, strong acids, Alkalis.
Hazardous Decomposition Products: oxides of carbon, various hydrocarbons
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 11 Toxicological Information

SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

SECTION 14 Transport Information

Heptane

DOT Classification: Heptanes, 3, UN1206, 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

If inhaled can cause coughing, chest pains, irritation of nose and throat. If ingested can cause vomiting, dizziness, gastrointestinal irritation. If ingested call a physician do not induce vomiting. If inhaled remove to fresh air. If comes in contact with skin or eyes flush with water for atleast 15 minutes. Persons with pre-existing disorders may be more susceptible.

Flammability

Health

Reactivity

Revisions

NFPA

0.2

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