



MATERIAL SAFETY DATA SHEET

HMIS Ratings	
Health	2
Flammability	3
Reactivity	0
Protection	X

Chemical Product and Company Identification

Manufacturer Information Blue Ribbon Products, Inc.
7687 Winton Drive, Bldg. 130
Indianapolis, IN 46268

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Emergency Phone CHEMTREC
1-800-424-9300
FOR INTERNATIONAL CALLS
(703) 527-3887

Date Modified 10/01/04

Product Identity Impact Tire Dressing

Product Use Automotive Reconditioning Product

Composition / Information on Ingredients

Ingredient Name	CAS Number	% Vol.	PEL-OSHA	Exposure Limits	
				TLV-ACGIH	Carcinogen
HEPTANE	142-82-5	> 29	400 ppm	400 ppm	No
HEXANE	110-54-3	> 9	50 ppm	50 ppm	No

Hazards Identification

Routes of Entry Inhalation, Skin, Ingestion

Effects of Acute Overexposure

Material is an eye and skin irritant. Excessive vapor inhalation will lead to central nervous system depression. Harmful or fatal if swallowed.

Chronic Overexposure

A component in this blend, n-Hexane, has been shown to cause peripheral nervous system damage and may adversely affect reproduction based on animal testing. Aspiration may cause lung damage. Material may defat the skin or repeated exposure leading to dermatitis.

Carcinogenicity NTP: No IARC: No OSHA: No

Signs & Symptoms of Exposure

The signs of central nervous system depression begin with headache, dizziness, apparent intoxication, and progress through loss of consciousness.

Medical Conditions Aggravated By Exposure

n-Hexane will aggravate existing chronic respiratory diseases, liver, kidney, skin disorders, and nervous system diseases. May also aggravate pre-existing cardiac disorders. Skin contact can aggravate existing dermatitis.

First Aid Measures

First Aid

Skin	Wash with plenty of soap and water. Wash contaminated clothing before reuse.
Eyes	Rinse with water for 15 minutes. If irritation persists call a physician.
Inhalation	Remove victim to fresh air and restore breathing if necessary. Call a physician if there are signs of breathing difficulties.
Ingestion	Do not induce vomiting, call a physician immediately with the listing of materials on this sheet.

Fire Fighting Measures

Lower Explosive Limit in Air (% by Volume)	1.0
Upper Explosive Limit in Air (% by Volume)	7.5
Flash Point (TCC deg F)	70° F

Extinguishing Media

Carbon dioxide, alcohol foam, or dry chemical

Special Fire Fighting Procedures

S.C.B.A. for fire fighting in enclosed areas. Water spray may be used to cool exposed containers and protect personnel. In advanced fires, maintain a safe distance from sealed containers.

Unusual Explosion and Fire Procedures

EXTREMELY FLAMMABLE! Vapors are heavier than air and may travel long distances to an ignition source and “flash back.” Vapors will burn in the open and may explode if confined. Keep ignition sources away during use and until all vapors are gone.

Accidental Release Measures

Steps To Be Taken In Case Material Is Released or Spilled

Stop spill at the source, dike the area and contain the flow, mop up or absorb, and place in a suitable container. Notify proper authorities if an RQ is involved.

Handling and Storage

Handling Procedures

Avoid free fall of liquid, ground containers when pouring. Store and use below 120 F and away from direct heat and open flame.

Exposure Controls / Personal Protection

Personal Protective Equipment

Eyes/Face

Wear chemical goggles.

Skin

Gloves that will not dissolve in solvents. Aprons are recommended if splashing is possible.

Respiratory

Organic cartridge type respirator if ventilation or other mechanical means cannot keep air below TLV.

Ventilation

Local exhaust is preferable, but any mechanical means that will keep vapors below limits is acceptable.

General

An eye wash and safety shower should be available. Avoid breathing vapor or spray mist. Wash hands thoroughly after contact and before breaks or meals.

Physical & Chemical Properties

Boiling Point	156.0 F
Specific Gravity	0.743
Vapor Pressure	63.55 (mm Hg @ 20 C)
Vapor Density	> 1
Solubility In Water (%)	0.00
% Volatile by Volume	81

Chemical Stability & Reactivity Information

Chemical Stability

This is a stable material.

Conditions To Avoid

Isolate from heat, sparks, and open flames.

Incompatibility

Strong oxidizers.

Hazardous Decomposition or byproducts

Oxides of carbon (CO, CO₂)

Hazardous Polymerization

Will not occur.

Toxicological Information

Toxicological Information

No data available for this product.

Ecological Information

Ecological Information

No data available for this product.

Disposal Considerations

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Transportation Information

US DOT HMR Information

Proper Shipping Name	Flammable liquids, N.O.S., (Hpetane, Hexane)
Identification Number	UN1993
Packaging Group	II
Hazard Class	3

Regulatory Information

US Federal Regulations

CERCLA/SARA – Section 313 – Emission Reporting

Hexane

Other Information

Disclaimer

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, MSDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Prepared By Technical Department

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