



SAFETY DATA SHEET

Section 1: Identification

Product Name: Cougar Chemical Tire Dressing
Product Code: 44-C008M
Product Class: Solvent Tire Dressing
Manufacturer/Supplier: Cougar Chemical Company
3725 New Getwell Rd
Memphis, TN 38118
Telephone: 901-362-8373
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: November 19, 2010
Date of Review/Update: May 29, 2015

Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Flammable Liquid 2, Aspiration Toxicity 1, Eye and Skin Irritant 2b
Signal Word: Danger

GHS Hazard Statements:

H225 Highly flammable liquid and vapor
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H320 Causes eye

GHS Precautionary Statements:

P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P331 Do NOT induce vomiting.
P370 + P378 In case of fire: See Section 5 for extinguishing media.
P501 Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national and international regulations.

Signs and Symptoms of Exposure:

Eye: Eye irritant with short-term contact with liquid sprays or mists. Symptoms include stinging, watering, redness, and swelling.
Skin: Skin irritant. Symptoms include redness, itching, and burning. Repeated or prolonged skin contact can produce moderate irritation (dermatitis).
Ingestion: Harmful or fatal if swallowed and enters airways. It can be readily absorbed by the stomach and intestinal tract. Symptoms include burning of the mouth, esophagus, nausea, vomiting, dizziness, drowsiness, loss of consciousness, and central nervous system (CNS) effects. Aspiration can be fatal.
Inhalation: Breathing high concentrations may be harmful. Mist or vapor can irritate the throat and lungs. Breathing this material may cause Central Nervous System depression with symptoms including nausea, headache, dizziness, fatigue, drowsiness, or unconsciousness. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to light petroleum products with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome").

Medical Conditions Aggravated by Exposure: Dermatitis. Reports have associated repeated and prolonged occupational overexposure to light petroleum products with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome").

HMIS Rating: Health - 1 Fire - 4 Reactivity - 0 Personal Protection - C
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Section 3: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Range</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Supplier OEL</u>
Heptane	64742-49-0	75-95	500ppm	342ppm	Not Available

Section 4: First Aid Measures

Eye Contact:	Flush eyes with water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of the eye and eyelid tissue. If easily accomplished, check for and remove contact lenses. Do not use eye ointment. Seek medical attention.
Skin Contact:	Remove contaminated shoes and clothing. Flush affected area with large amounts of soap and water. Do not use ointments. Seek medical attention if tissue appears damaged or if pain or irritation persists.
Ingestion:	Do not induce vomiting. If spontaneous vomiting is about to occur, place victim's head below knees. Place on the left side with head down. Never give anything by mouth to an unconscious person. Do not leave victim unattended. Seek medical attention immediately.
Inhalation:	Move victim to fresh air. If victim is not breathing, immediately begin rescue breathing. If heart has stopped, immediately begin CPR. If breathing is difficult, 100 percent humidified oxygen should be administered by a qualified individual. Seek medical attention immediately.

Notes to Physician:

INHALATION: Inhalation overexposure can produce toxic effects. Monitor for respiratory distress.

INGESTION: If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric leverage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.

Section 5: Fire-Fighting Measures

NFPA Flammability Classification:	NFPA Class-IB flammable liquid.	Flash Point: Closed cup:	-9°C (15°F). (Tagliabue (ASTM D-56))
Lower Flammable Limit:	AP 1.0 %	Upper Flammable Limit:	AP 6.7 %
Hazardous Combustion Products:	Carbon dioxide, carbon monoxide, smoke, fumes, and/or unburned hydrocarbons.		
Special Properties:	Flammable Liquid! Vapors are heavier than air. Its vapor can cause a flash fire. A vapor and air mixture can create an explosion hazard in confined spaces such as sewers. If container is not properly cooled, it can rupture in the heat of a fire.		
Extinguishing Media:	Use dry chemicals, carbon dioxide, foam, or inert gas (nitrogen), water fog or spray. Streams of water may be ineffective.		
Protection of Fire Fighters:	Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Evacuate area and fight the fire from a maximum distance.		

Section 6: Accidental Release Measures

Flammable Liquid! Release causes an immediate fire or explosion hazard. Evacuate all non-essential personnel from immediate area and establish a "regulated zone" with site control and security. Eliminate all ignition sources. All equipment used when handling this material must be grounded. Prevent spilled material from runoff. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to appropriate waste containers. Comply with all applicable local, state and federal laws and regulations.

Section 7: Handling and Storage

Handling:

Use only with adequate ventilation and Personal Protection Equipment (PPE). A spill or leak can cause an immediate fire or explosion hazard. Ground all equipment. Keep containers closed and do not handle near potential ignition sources. Avoid contact with oxidizing agents. Do NOT breathe vapor. Avoid contact with eyes, skin, and clothing. Do NOT take internally. A static electrical charge can accumulate with agitation and can ignite accumulated vapors. Empty containers may contain material residues which can ignite with explosive force. Observe label precautions.

Storage:

Keep container tightly closed. Store in a cool, dry, well-ventilated area. Store only in approved containers. Do not store with oxidizing agents. Do not store at elevated temperatures or in direct sunlight. Protect containers against physical damage. Storage area must meet OSHA requirements and applicable fire codes.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.

Eye Protection: Safety glasses with side shields are recommended. Chemical goggles are preferred when chance misting, splashing, or spraying of this material. A suitable emergency eye wash water and safety shower should be located near the work station.

Skin Protection: Avoid skin contact. Use heavy duty chemical resistant gloves. Wear long-sleeved fire-retardant garments. If splashing or spraying exists wear an apron, boots and additional facial protection. Wash hands with plenty of soap and water after handling.

Respirator Protection: If required, a properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in SECTION 3.

Section 9: Physical and Chemical Properties

Boiling Point:	93 to 99°C (199 to 210°F)	Vapor Pressure (mmHg @ 68°F):	6 kPa (45 mm Hg) (at 20°C)
Vapor Density:	AP 3 (Air = 1)	Solubility in Water:	Insoluble
Specific Gravity:	0.72 ± 0.05	Melting Point:	Not Applicable
% Volatile:	80.0-85.0	pH:	Not Applicable
Appearance/Odor:	Blue thin liquid, vanilla odor.		

Section 10: Stability and Reactivity

Chemical Stability:	Stable.	Hazardous Polymerization:	Not expected to occur.
Conditions to Avoid:	Keep away from heat, flame and other potential ignition sources. Keep away from strong oxidizing conditions and agents.		
Materials Incompatibility:	Strong acids, alkalis, and oxidizers such as liquid chlorine and oxygen.		
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide, smoke, fumes, and/or unburned hydrocarbons.		

Section 11: Toxicology Information

Listed as IARC, NTP, OSHA Carcinogen: None
Ames Test on heptane: Non-mutagenic

Section 12: Ecological Information

Not available

Section 13: Disposal Considerations

Waste from this product is hazardous (D001 and D018) as defined by the Resource Conservation and Recovery Act (RCRA) 40CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Dispose of in accordance with federal, state and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): UN1993, Flammable Liquid N.O.S., 3, PGII, (Heptane)

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101: None
TSCA (Toxic Substances Control Act) Status: The intentional ingredients of this product are listed.
CERCLA RQ - 40CFR 302.4: None
SARA 302 COMPONENTS - 40CFR 355 Appendix A: None
SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate (X) Reactive ()
Delayed (X) Sudden Release of Pressure ()
Fire (X)

SARA 313 COMPONENTS - 40CFR 372.65: None

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

Ingredient		Max. % By Wt.	LD50	LC50
Heptane	64742-49-0	75-95	Not Established	Not Established

CALIFORNIA PROPOSITION 65: None

Section 16: Other Information

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.