

Safety Data Sheet

Section 1. Identification	
Product Identifier	Tire Shine
	Version: 7 Effective Date: 25 January 2021
Other Means Of Identification	Tire dressing
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055
Recommended Use and Restrictions On Use	Tire Dressing. No restrictions.
Product Family	Blend
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazards	Flammable Liquids - Category 2
Health Hazards	Skin Corrosion/Irritation - Category 2 Reproductive Toxicity - Category 2 Specific Target Organ Toxicity (Single Exposure) - Category 3 Specific Target Organ Toxicity (Repeated Exposure) - Category 2 Aspiration Hazard - Category 1
Environmental Hazards	Hazardous To The Aquatic Environment – Long term (Chronic) Hazard - Category 2
Signal Word	Danger
Hazard Statement	Highly flammable liquid and vapour. Causes skin irritation. Suspected of damaging fertility or the unborn child (oral, inhalation). May cause respiratory irritation; or may cause drowsiness or dizziness May cause damage to organs (central nervous system) through prolonged or repeated exposure (oral, inhalation). Toxic to aquatic life with long lasting effects.

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Precautionary Prevention Statement	<p>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves, clothing, and eye & face protection. Wash hands thoroughly after handling.</p> <p>Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.</p> <p>Do not inhale dust, fume, gas, mist, vapours or spray. Do not eat, drink, or smoke when using this product.</p> <p>Avoid release to the environment.</p>
Precautionary Response Statement	<p>IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin and wash with plenty water and soap, or shower if on clothing. If skin irritation occurs, seek medical attention. Remove contaminated clothing and wash it before reuse.</p> <p>Specific Treatment: Do not induce vomiting unless directed by medical personnel.</p> <p>If exposed or concerned: Seek medical attention Seek medical attention if you feel unwell. Collect spillage.</p>
Precautionary Storage Statement	Store in a well-ventilated place. Keep cool. Store locked up.
Precautionary Disposal Statement	Dispose of contents / container in accordance with local regulations.
Other Hazards	None

Section 3. Composition / Information on Ingredients

Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Hexanes	N/A	110-54-3, 96-37-7, 96-14-0, 107-83-5	40 – 70
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures

Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Flush area with water. If irritation persists, seek medical attention. Launder clothing before reuse.

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Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Rinse mouth with water if conscious. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness. May cause skin and eye irritation. Aspiration hazard if swallowed - can enter lungs and cause damage.
Immediate Medical Attention and Special Treatment	If inhaled, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact, wash off with soap and plenty of water. In case of eye contact, rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	CO ₂ , dry chemical, water spray, and foam
Hazardous Combustion Products	Carbon monoxide and dioxide
Specific Hazards Arising From the Product	Hazardous decomposition products formed under fire conditions: Carbon oxides
Special Protective Equipment and Precautions For Fire-Fighters	Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves (nitrile), safety glasses, coveralls (Nomex), air purifying respirator with organic vapour cartridges or air supply pack dependant on the volume spilled. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental Precautions	Do not allow product to enter any surface water courses or drains and sewers. Product may collect in low places. Remove all sources of ignition and naked flames.
Methods and Materials For Containment and Clean-Up	With all sources of ignition removed and wearing correct protective apparel, close area and remove all personnel not required for clean-up. Pump up large volumes of product, or soak up smaller amounts with an absorbent. Place collected material in a suitable container for disposal. Wash area down with soap and water to remove residues.



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Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care. Flammable liquid. Ground all drums when transferring material.
Conditions For Safe Storage	Store in a cool dry place away from all sources of ignition. Empty containers may have flammable residues present. Keep container closed when not in use. Ground containers when in use.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
n-Hexanes	50 ppm (NIOSH)			
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	Ensure adequate ventilation. Eye wash station and safety shower are required.			
Individual Protective Measures	Under normal conditions of use these are not normally required. If exposure limits are exceeded:			
Eye / Face Protection	Safety glasses			
Skin Protection	Gloves (nitrile), coverall (Nomex), chemical resistant footwear			
Respiratory Protection	An air purifying respirator fitted with organic vapour cartridges must be worn.			

Section 9. Physical and Chemical Properties	
Appearance	Pale Yellow/ Orange liquid
Odour	Strong Solvent / Hydrocarbon
Odour Threshold	Not available.
pH	Not applicable.
Flash Point	-15 °C
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	No data
Flammability (solid, gas)	Not applicable
Upper and Lower Flammability or Explosive Limits	No data
Evaporation Rate	Not determined
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	0.702
Solubility	Not soluble

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Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	Not determined
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity	
Reactivity	Stable
Chemical Stability	Stable
Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	Naked flames, sparks, and sources if ignition
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Not expected to occur under normal conditions of use.

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
n-Hexanes	25 g/kg (Rat)	>1.3 g/kg (Rabbit)	48000 ppm (Rat), 4h
Likely Routes of Exposure			
Skin:	May cause irritation and redness, leading to dermatitis. Can be absorbed through the skin.		
Eyes:	May cause irritation of the eyes, including stinging, redness and tearing.		
Inhalation:	Prolonged exposure can lead to headaches, nausea, vomiting, dizziness, central nervous system effects and convulsions .		
Ingestion:	May cause headache, nausea, vomiting and unconsciousness. Can also cause liver and kidney damage. Repeated exposure can lead to deterioration of health due to accumulation in one or more organs. Use of alcoholic beverages enhances toxic effects. Severe over exposure can result in death.		
Acute Toxicity Estimates (ATE)	No data		
STOT (Specific Target Organ Toxicity) – Single Exposure	May cause drowsiness or dizziness.		
Aspiration Toxicity	May be fatal if swallowed and enters airways.		



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STOT (Specific Target Organ Toxicity) – Repeated Exposure	Ingestion - May cause damage to organs through prolonged or repeated exposure. - Nervous system
Skin Corrosion / Irritation	Irritating to skin
Serious Eye Damage / Irritation	Eyes (Rabbit) - Mild eye irritation
Respiratory or Skin Sensitization	No data
Carcinogenicity	No listed.
Reproductive Toxicity	
- Sexual Function and Fertility	Can damage fertility
- Development of Offspring	Can damage the unborn child
- Effects on or via Lactation	Not classified
Germ Cell Mutagenicity	Not classified
Interactive Effects	None known
Other Information	None known

Section 12. Ecological Information

Ecotoxicity	N Hexane: LC50: 2.5 mg/L (Pimephales promelas) LC50: 4.12 mg/L (Lepomis macrochirus) LC50: 4.14 mg/L (Oncorhynchus mykiss)
Persistence and Degradability	No data
Bioaccumulative Potential	No data
Biodegradability	No data
Mobility in Soil	No data
Other Adverse Effects	May be harmful to aquatic life

Section 13. Disposal Considerations

Disposal Considerations	Dispose of contents / container in accordance with local regulations.
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Section 14. Transport Information

UN Number	1208
UN Proper Shipping Name	Hexane Mixture

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Transport Hazard Class(es)	3
Packaging Group	II
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	128

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information	
NFPA Rating	Health-2/ Flammability-3/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-3/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	8 September, 2011
Date of Latest Revision:	25 January 2021
Disclaimer	
Notice to reader	
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