



Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Magic Shine
PRODUCT TYPE: Tire Dressing
PRODUCT NUMBER: 1560XX (Last 2 characters vary with the packaging)
COMPANY: Vaughan Industries
8490 Lyndon Street,
Detroit, MI 48375
(313) 935-2040
EMERGENCY PHONE: Chemtrec 1-800-424-9300

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Flammable liquid (3) Aspiration Hazard (1) Skin corrosion/irritation (2) Specific target organ toxicity, single exposure; narcotic effects (3) Serious eye damage/eye irritation (2B)

SYMBOLS:



SIGNAL WORD: DANGER!
HAZARD STATEMENT: Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Causes eye irritation.

PRECAUTIONARY STATEMENTS:

PREVENTION: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. DO NOT induce vomiting.
IF ON SKIN (or hair): Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off immediately all contaminated clothing. Rinse skin with water/shower. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
In case of fire: Use appropriate method to extinguish.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	Wt-%
Heptane	142-82-5	80-90

*Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals

4 – FIRST-AID MEASURES

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.
SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!
EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.
SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

5 – FIRE-FIGHTING

FLAMMABILITY OF THE PRODUCT: Flammable.
AUTO-IGNITION TEMPERATURE: 203.89°C (399°F) - 223 C (433 F)
FLASH POINTS: CLOSED CUP: -4°C (24.8°F). (TAG) OPEN CUP: -1.1111°C (30°F).
FLAMMABLE LIMITS: LOWER: 1.05% UPPER: 6.7%
PRODUCTS OF COMBUSTION: These products are carbon oxides (CO, CO2).
FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: Highly flammable in presence of open flames and sparks, of heat.
EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES: Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. Slightly explosive in presence of heat.
FIRE FIGHTING MEDIA AND INSTRUCTIONS: Flammable liquid, insoluble in water. SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray or fog.
SPECIAL REMARKS ON FIRE HAZARDS: Flaming occurs when liquid chlorine in n-Heptane is added to added to red phosphorous. Vapors may form explosive

mixtures with air. Vapor may travel considerable distance to source of ignition and flash back.
SPECIAL REMARKS ON EXPLOSION HAZARDS: Vapors may form explosive mixtures in air.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.
WASTE DISPOSAL: As recommended by local, state and federal authorities.

7 – HANDLING AND STORAGE

STORAGE: Store locked up. Store in a cool, well ventilated area. Avoid overheating or freezing.
HANDLING: Do not place this product in an unmarked container. Avoid eye contact.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Respirator recommended, not normally required.
PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.
ADDITIONAL MEASURES: Do not place this product in an unmarked container. Avoid eye contact.
INGREDIENT C.A.S. PEL ACGHI
Heptane 142-82-5 500 ppm 400 ppm

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: Clear blue liquid, Gasoline-like odor VAPOR PRESSURE: 3.5, air = 1
ODOR THRESHOLD: 150 ppm VAPOR DENSITY (AIR=1): 5.3 kPa (@ 20°C)
pH: 6-8 SPECIFIC GRAVITY: 0.73
MELTING POINT: N/A SOLUBILITY IN WATER: Insoluble
FREEZING POINT: N/A PARTITION COEFFICIENT: N/A
BOILING POINT: 210 °F. EVAPORATION RATE: N/A
BOILING POINT RANGE: N/A FLAMMABILITY (solid/gas): Flammable
FLASHPOINT: -4 °C EXPLOSION LIMITS: N/A
AUTO-IGNITION TEMPERATURE: 210 °C DECOMPOSITION TEMPERATURE: N/A
VISCOSITY: Slight body

10 – STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
HAZARDOUS POLYMERIZATION: This product not known to polymerize.
INCOMPATIBILITY: Do not mix with other chemicals or oxidizers. Avoid sparks or open flames.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Ingestion. Dermal contact. Eye contact. Inhalation. Absorption through skin.
LISTED CARCINOGEN: None listed
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.
SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS: It can affect behavior/central nervous system and cause central nervous system effects (mild excitement followed CNS depression which is characterized by headache, nausea, dizziness, hilarity, hallucinations, light-headedness, distorted perceptions, convulsions, weakness, loss of judgement and coordination, narcosis, semi-consciousness, coma and death at higher doses). It may cause cardiac effects (irregular heartbeat/cardiac arrhythmias, or heart to stop beating), and pulmonary edema. It is readily absorbed by the inhalation route. Ingestion: Causes gastrointestinal tract irritation with nausea, vomiting, swelling of the abdomen. Aspiration into the lungs can produce chemical pneumonitis. It can also affect behavior/central nervous system with symptoms paralleling those of inhalation. Chronic Potential Health Effects: Skin: Prolonged or repeated skin contact can defat the skin and product irritation and dermatitis. Inhalation: Repeated or prolonged inhalation may affect behavior/central nervous system (symptoms similar to acute inhalation) and may produce minimal peripheral nerve damage (polyneuropathy) with numbness and tingling of the extremities in a stocking-and -glove pattern. Polyneuropathy has been reversed by a year following removal from exposure. It may also affect the brain, blood (anemia), and hearing (mild change in auditory threshold), and may also cause weight loss, Ingestion: Prolonged or repeated ingestion may affect the liver, urinary system, blood (changes in blood serum composition).

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A
PRODUCTS OF BIODEGRADATION: Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.
TOXICITY OF THE PRODUCTS OF BIODEGRADATION: The products of degradation are less toxic than the product itself.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Heptanes
HAZARD CLASS: 3
UN/NA NUMBER: II
PACKAGING GROUP: UN 1206
LABELS REQUIRED: Flammable Liquid

15 – REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

US TSCA INVENTORY STATUS: The components of this product are TSCA listed.

SARA: This product contains no material regulated under SARA Title III Section 313.

US CERCLA REPORTABLE QUANTITY: None

US TSCA INVENTORY STATUS: The components of this product are TSCA listed.

OTHER US FEDERAL REGULATIONS: None

16 – OTHER INFORMATION

The data and recommendations presented herein are based upon our research and that of others and are believed to be accurate. No guarantee of their accuracy is made, and they are distributed without warranty, express or implied. The person receiving them shall make their own determination of the suitability thereof for their particular purpose.

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