

Car Brite™ TIRE SHINE High Gloss Dressing
CBOOC008M03

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone	1-800-ASHLAND (1-800-274-5263)
Product name	Car Brite™ TIRE SHINE High Gloss Dressing	
Product code	CBOOC008M03	
Product Use Description	No data	

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, blue

WARNING! FLAMMABLE LIQUID AND VAPOR. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eye contact

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin contact

Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

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Inhalation

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, lung (for example, asthma-like conditions)

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness)

Target Organs

Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.

Carcinogenicity

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Reproductive hazard

There are no data available for assessing risk to the fetus from maternal exposure to this material.

Other information

When heated to temperatures above 150 degrees C in the presence of air, this product can form formaldehyde vapors. Formaldehyde has been identified as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) and the Occupational Safety and Health Administration (OSHA). Formaldehyde is irritating to the eyes, nose, throat, and airways, and can cause an allergic reaction (causes narrowing of the air passages of the lungs, sweating, flushing, hives, rapid heart rate, and lowered blood pressure). In addition, formaldehyde can cause an allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects). It is harmful if inhaled, swallowed or absorbed through skin.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No.	Concentration
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	64741-66-8	>=70-<80%
DIMETHYL SILICONES AND SILOXANES	63148-62-9	>=20-<30%

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Notes to physician

Hazards: No information available.

Treatment: No information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

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Dry chemical, Carbon dioxide (CO₂), Water spray

Hazardous combustion products

carbon dioxide and carbon monoxide, Hydrocarbons, formaldehyde, Hydrogen, silicon oxides

Precautions for fire-fighting

Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

NFPA Flammable and Combustible Liquids Classification

Flammable Liquid Class IB

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Ensure adequate ventilation. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Other information

Comply with all applicable federal, state, and local regulations. Suppress (knock down) gases/vapours/mists with a water spray jet.

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7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.

Storage

Store in a cool, dry, ventilated area, away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Eye protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

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Skin and body protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show tears, pinholes, or signs of wear.

Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	no data available
Colour	blue
Odour	like fruit
Boiling point/boiling range	149 °F / 65 °C @ 1,013.33 hPa Calculated Phase Transition Liquid/Gas
Melting point/range	no data available
Sublimation point	no data available
pH	no data available
Flash point	45.00 °F / 7.22 °C Calculated Flash Point
Ignition temperature	no data available
Evaporation rate	no data available
Lower explosion limit/Upper explosion limit	0.6 %(V) / 7 %(V) Calculated Explosive Limit
Particle size	no data available
Vapour pressure	35.000 hPa @ 77 °F / 25 °C Calculated Vapor Pressure
Relative vapour density	no data available
Density	0.7395 g/cm3 6.1 lb/gal
Bulk density	No data
Water solubility	insoluble

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Solubility	no data available
Partition coefficient: n-octanol/water	no data available
log Pow	no data available
Autoignition temperature	no data available
Viscosity, dynamic	no data available
Viscosity, kinematic	no data available
Solids in Solution	no data available
Decomposition temperature	no data available
Burning number	no data available
Dust explosion constant	no data available
Minimum ignition energy	no data available

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Heat, flames and sparks.

Incompatible products

Strong oxidizing agents

Hazardous decomposition products

carbon dioxide and carbon monoxide, Hydrocarbons, formaldehyde, Hydrogen, silicon oxides

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : LD 50 Rat: > 10 g/kg

DIMETHYL SILICONES AND SILOXANES : LD 50 Rat: > 5 g/kg

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Acute inhalation toxicity

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : LD 50 Rat: 4450 ppm; 4 h

DIMETHYL SILICONES AND SILOXANES : no data available

Acute dermal toxicity

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : LD 50 Rabbit: (>) 3 g/kg

DIMETHYL SILICONES AND SILOXANES : LD 50 Rabbit: > 10,200 mg/kg

12. ECOLOGICAL INFORMATION

Biodegradability

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : no data available

Bioaccumulation

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : no data available

Ecotoxicity effects

Toxicity to fish

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : 96 h LC 50 Channel catfish (*Ictalurus punctatus*): 2.36 - 4.15 mg/L Method: Renewal; Mortality

Toxicity to daphnia and other aquatic invertebrates.

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : 48 h LC 50 Water flea (*Daphnia magna*): 44.50 mg/L Method: Static Mortality

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Toxicity to algae

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : no data available

Toxicity to bacteria

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : no data available

Biochemical Oxygen Demand (BOD)

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : no data available

Chemical Oxygen Demand (COD)

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : no data available

Additional ecological information

NAPHTHA (PETROLEUM), LIGHT ALKYLATE : no data available

DIMETHYL SILICONES AND SILOXANES : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

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14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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U.S. DOT - ROAD

UN 1993	Flammable liquids, n.o.s. (PETROLEUM DISTILLATES)	3		II	
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U.S. DOT - RAIL

UN 1993	Flammable liquids, n.o.s. (PETROLEUM DISTILLATES)	3		II	
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U.S. DOT - INLAND WATERWAYS

UN 1993	Flammable liquids, n.o.s. (PETROLEUM DISTILLATES)	3		II	
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TRANSPORT CANADA - ROAD

UN 1993	FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES)	3		II	
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TRANSPORT CANADA - RAIL

UN 1993	FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES)	3		II	
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TRANSPORT CANADA - INLAND WATERWAYS

UN 1993	FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES)	3		II	
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INTERNATIONAL MARITIME DANGEROUS GOODS

UN 1993	FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES)	3		II	
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN 1993	Flammable liquid, n.o.s. (PETROLEUM DISTILLATES)	3		II	
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INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

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UN	1993	Flammable liquid, n.o.s. (PETROLEUM DISTILLATES)	3	II
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MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	1993	LIQUIDO INFLAMABLE, N.E.P. (PETROLEUM DISTILLATES)	3	II
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*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.	
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SARA Hazard Classification

Fire Hazard
Acute Health Hazard

New Jersey RTK Label Information

NAPHTHA (PETROLEUM), LIGHT ALKYLATE 64741-66-8
DIMETHYL SILICONES AND SILOXANES 63148-62-9

Pennsylvania RTK Label Information

NAPHTHA (PETROLEUM), LIGHT ALKYLATE 64741-66-8
DIMETHYL SILICONES AND SILOXANES 63148-62-9

Notification status

US. Toxic Substances Control Act y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). y (positive listing)
Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)
Australia. Industrial Chemical (Notification and Assessment) Act y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published n (Negative listing)

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by ERMA New Zealand	
Japan. Kashin-Hou Law List	n (Negative listing)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
China. Inventory of Existing Chemical Substances	y (positive listing)

	HMIS	NFPA
Health	1	1
Flammability	3	3
Physical hazards	0	
Instability		0
Specific Hazard	--	--

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).