

CAR BRITE® SELECT ALL PURPOSE
DRESSING
593730

**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® SELECT ALL PURPOSE DRESSING
Product code	593730
Product Use Description	No data

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, white

WARNING! CAUSES EYE IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN AND CAUSE IRRITATION AND BURNS.

Potential Health Effects

Exposure routes

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

Eye contact

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

Skin contact

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Ingestion

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Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

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.

Aggravated Medical Condition

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

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), thirst, irritation (nose, throat, airways), Headache, Dizziness

Target Organs

Studies with rabbits indicate that sustained, occluded skin contact with undiluted surfactant may result in the development of inflammatory changes in the lung. Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No.	Concentration
DIMETHYL SILICONES AND SILOXANES	63148-62-9	>=1.5-<20%
GLYCERIN	56-81-5	>=1.5-<5%
ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED	84133-50-6	>=1.5-<5%

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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. Wash exposed area with soap and water. If 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: Glycerine may be absorbed in potentially harmful amounts if applied in large quantities to severe burns over large areas of the body. This can result in elevated serum osmolality and subsequent osmotic shock.

Treatment: No information available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Alcohol-resistant foam, Agents approved for class B hazards or water fog., Carbon dioxide (CO₂), Dry chemical

Hazardous combustion products

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carbon dioxide and carbon monoxide, formaldehyde, Hydrogen, Hydrocarbons, silicon oxides, Aldehydes, nitrogen oxides (NOx)

Precautions for fire-fighting

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of liquid since this may cause frothing and increase fire intensity. Frothing can be violent and possibly endanger any firefighter standing too close to the burning liquid.

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. Spills of this material are very slippery.

Environmental precautions

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred.

Methods for cleaning up

Absorb liquid on vermiculite, floor absorbent or other absorbent material. Flush area with water.

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. Ethylene oxide may accumulate in the headspace of shipping and storage containers and in enclosed areas where the product is being handled or used. Ethylene oxide is listed as carcinogenic by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) and the Occupational Safety and Health Administration (OSHA).

Storage

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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GLYCERIN		56-81-5	
ACGIH	time weighted average	10 mg/m ³	Mist.
OSHA Z1	Permissible exposure limit	5 mg/m ³	Respirable fraction.
OSHA Z1	Permissible exposure limit	15 mg/m ³	Total dust.

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

General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, 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. Maintain eye wash station near work area.

Skin and body protection

Wear resistant gloves (consult your safety equipment supplier).
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.

Respiratory protection

Respiratory protection is not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	no data available
Colour	white
Odour	like fruit

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Boiling point/boiling range	212 °F / 100 °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	no data available
Ignition temperature	no data available
Evaporation rate	no data available
Lower explosion limit/Upper explosion limit	1.4 %(V) / 11.2 %(V) Calculated Explosive Limit
Particle size	no data available
Vapour pressure	23.333 hPa @ 68 °F / 20 °C Calculated Vapor Pressure
Relative vapour density	no data available
Density	1.01 g/cm ³
Bulk density	8.41 lb/gal @ 60.00 °F / 15.56 °C
Water solubility	no data available
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

None known.

Incompatible products

Strong acids, strong bases, Strong oxidizing agents

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Hazardous decomposition products

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

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

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

GLYCERIN : LD 50 Rat: 12,600 mg/kg Method: OECD Test Guideline 401

ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED : LD 50 Rat: 32,000 mg/kg

Acute inhalation toxicity

DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : LC 50 Rat: > 570 mg/m³; 1 h

ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED : no data available

Acute dermal toxicity

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

GLYCERIN : LD 50 Rabbit: > 10 g/kg

ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED : LD 50 Rabbit: 5,660 mg/kg

12. ECOLOGICAL INFORMATION

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Biodegradability

DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : no data available

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : no data available

Bioaccumulation

DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : no data available

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : no data available

Ecotoxicity effects

Toxicity to fish

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

GLYCERIN : 24 h LC 50 Goldfish (*Carassius auratus*): > 5,000.00 mg/L Method: Static; Mortality

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : 96 h static test LC 50 Pimephales promelas (fathead minnow): 3.40 - 4.90 mg/L ; Based on a similar product formulation.

Toxicity to daphnia and other aquatic invertebrates.

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

GLYCERIN : 24 h LC 50 Water flea (*Daphnia magna*): > 10,000.00 mg/L Method: Static Mortality

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : 48 h EC 50 Water flea (*Daphnia magna*): 4.01 mg/L Based on a similar product formulation.

Toxicity to algae

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DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : no data available

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : no data available

Toxicity to bacteria

DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : no data available

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : 16 h IC50 Bacteria: > 750.00 mg/L

Biochemical Oxygen Demand (BOD)

DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : no data available

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : no data available

Chemical Oxygen Demand (COD)

DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : no data available

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : no data available

Additional ecological information

DIMETHYL SILICONES AND SILOXANES : no data available

GLYCERIN : no data available

ALCOHOLS, C12-14-SECONDARY,
ETHOXYLATED : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

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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.

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT /LTD. QTY.
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MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

TRANSPORT CANADA - INLAND WATERWAYS

Not dangerous goods

TRANSPORT CANADA - RAIL

Not dangerous goods

TRANSPORT CANADA - ROAD

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

U.S. DOT - RAIL

Not dangerous goods

U.S. DOT - ROAD

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Not dangerous goods

*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.

SARA Hazard Classification

Acute Health Hazard

New Jersey RTK Label Information

WATER	7732-18-5
DIMETHYL SILICONES AND SILOXANES	63148-62-9
GLYCERIN	56-81-5
ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED	84133-50-6

Pennsylvania RTK Label Information

WATER	7732-18-5
DIMETHYL SILICONES AND SILOXANES	63148-62-9
GLYCERIN	56-81-5
ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED	84133-50-6

Notification status

US. Toxic Substances Control Act	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA).	y (positive listing)
Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	
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)

ASHLAND
SAFETY DATA SHEET

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China. Inventory of Existing Chemical Substances y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published n (Negative listing)
by ERMA New Zealand

	HMIS	NFPA
Health	1	1
Flammability	1	1
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).