

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

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® LIKE NEW Body Shop-Safe High Gloss Dressing
Product code	CBOOC006-05-S5
Product Use Description	No data

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, clear

CAUTION! MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE 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

Eye contact

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

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

CAR BRIT® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

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. 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: lung (for example, asthma-like conditions), Skin, kidney

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, lung edema (fluid buildup in the lung tissue), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), Lowered blood pressure, mild, temporary changes in the liver, effects on heart rate, respiratory depression (slowing of the breathing rate), Lack of coordination, confusion, kidney damage, coma

Target Organs

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, 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., Breathing isopropanol vapors has caused damage to the lining of the middle ear in experimental animals. The relevance of this finding to humans is uncertain.

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

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No.	Concentration
GLYCERIN	56-81-5	>=50-<60%
ISOPROPANOL	67-63-0	>=1.5-<5%

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. Administration of high doses of isopropanol in combination with known hepatotoxic chemicals resulted in enhanced liver toxicity in experimental animals.

Treatment: No information available.

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

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

Aldehydes, carbon dioxide and carbon monoxide, nitrogen oxides (NO_x)

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).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Persons not wearing proper personal protective equipment should be excluded from area of spill.

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.

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

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. Handling equipment must be properly grounded. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors of flammable liquids.

Storage

Do not store near extreme heat, open flame, or sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

GLYCERIN		56-81-5	
ACGIH	time weighted average	10 mg/m3	Mist.
OSHA Z1	Permissible exposure limit	5 mg/m3	Respirable fraction.
OSHA Z1	Permissible exposure limit	15 mg/m3	Total dust.
ISOPROPANOL		67-63-0	
NIOSH	Recommended exposure limit (REL):	400 ppm	
NIOSH	Recommended exposure limit (REL):	980 mg/m3	
NIOSH	Short term exposure limit	500 ppm	
NIOSH	Short term exposure limit	1,225 mg/m3	
OSHA Z1	Permissible exposure limit	400 ppm	
OSHA Z1	Permissible exposure limit	980 mg/m3	
ACGIH	time weighted average	200 ppm	
ACGIH	Short term exposure limit	400 ppm	

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

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Eye protection

Not required under normal conditions of use. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin and body protection

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product. 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	liquid
Colour	clear
Odour	mild
Boiling point/boiling range	(>)190 °F / 88 °C @ 760.00 mmHg
Melting point/range	68 °F / 20 °C
Sublimation point	no data available
pH	9.5
Flash point	not applicable
Ignition temperature	no data available
Evaporation rate	1.7
Lower explosion limit/Upper explosion limit	2.5 %(V) / 12 %(V) Calculated Explosive Limit
Particle size	no data available
Vapour pressure	44.000 hPa @ 68 °F / 20 °C 60.527 hPa @ 77 °F / 25 °C Calculated Vapor Pressure
Relative vapour density	3.1
Density	1.14 g/cm3

CAR BRIT® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

Bulk density	9.5 lb/gal @ 60.00 °F / 15.56 °C
Water solubility	soluble
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, Strong bases, Acids, Aldehydes, alkalis, Amines, Ethylene oxide, halogenated hydrocarbons, halogens, isocyanates, Strong acids, Do not use with aluminum equipment at temperatures above 120 degrees F.

Hazardous decomposition products

acrolein, Aldehydes, carbon dioxide and carbon monoxide

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

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

ISOPROPANOL : LD 50 Rat: 4,700 - 5,800 mg/kg

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

ISOPROPANOL : LC 50 Rat: 16000 ppm; 4 h

Acute dermal toxicity
GLYCERIN : LD 50 Rabbit: > 10 g/kg

ISOPROPANOL : LD 50 Rabbit: 5,030 - 7,900 mg/kg

12. ECOLOGICAL INFORMATION

Biodegradability
GLYCERIN : no data available

ISOPROPANOL : no data available

Bioaccumulation
GLYCERIN : no data available

ISOPROPANOL : no data available

Ecotoxicity effects

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

ISOPROPANOL : 96 h LC 50 Fathead minnow (*Pimephales promelas*):
5,770.00 - 7,450.00 mg/L Method: Flow through;
Mortality

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

Toxicity to daphnia and other aquatic invertebrates.

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

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

Toxicity to algae

GLYCERIN : no data available

ISOPROPANOL : no data available

Toxicity to bacteria

GLYCERIN : no data available

ISOPROPANOL : no data available

Biochemical Oxygen Demand (BOD)

GLYCERIN : no data available

ISOPROPANOL : no data available

Chemical Oxygen Demand (COD)

GLYCERIN : no data available

ISOPROPANOL : no data available

Additional ecological information

GLYCERIN : no data available

ISOPROPANOL : no data available

13. DISPOSAL CONSIDERATIONS

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

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.

14. TRANSPORT INFORMATION

REGULATION

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

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

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

U.S. DOT - RAIL

Not dangerous goods

U.S. DOT - ROAD

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

GLYCERIN	56-81-5
WATER	7732-18-5
ISOPROPANOL	67-63-0

Pennsylvania RTK Label Information

GLYCERIN	56-81-5
WATER	7732-18-5
ISOPROPANOL	67-63-0

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)	

ASHLAND
SAFETY DATA SHEET

Page: 12
Revision Date: 04/06/2010
Print Date: 1/25/2011
MSDS Number: R0405713
Version: 1.7

CAR BRITE® LIKE NEW Body Shop-Safe
High Gloss Dressing
CBOOC006-05-S5

Australia. Industrial Chemical (Notification and Assessment) Act	y (positive listing)
New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand	n (Negative listing)
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	0
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).