

CAR BRITE® SELECT CAR SOAP
593714

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: 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), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness)

Target Organs

No data

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
SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT	68439-57-6	>=10-<15%
POLYMERIC SURFACTANT		>=5-<10%
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A	9004-82-4	>=1.5-<5%

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COCO DIETHANOLAMIDE

68603-42-9

>=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. 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

Dry chemical, Carbon dioxide (CO₂), Water spray

Hazardous combustion products

carbon dioxide and carbon monoxide, hydrogen sulfide, sulfur oxides, nitrogen oxides (NO_x), Sodium oxides, various hydrocarbons

Precautions for fire-fighting

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Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). 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 liquid with water used for cooling purposes.

NFPA Flammable and Combustible Liquids Classification
Combustible Liquid Class IIIB

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.

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.

Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Other information

Comply with all applicable federal, state, and local regulations.

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.

Storage

Store in a cool, dry, ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

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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 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
Colour	pink
Odour	fruity
Boiling point/boiling range	100.00 °C @ 1,013.33 hPa Calculated Phase Transition Liquid/Gas

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pH	(+/- 0.5) 9.5
Flash point	(>) 100.00 °C Closed Cup
Evaporation rate	No data
Lower explosion limit/Upper explosion limit	No data
Vapour pressure	23.333 hPa @ 20 °C Calculated Vapor Pressure
Vapour density	No data
Density	(+/- 0.005) 1.035 g/cm ³ @ 68 °F / 20 °C 8.64 lb/gal
Solubility	soluble in water
Partition coefficient: n-octanol/water	No data
log Pow	no data available
Autoignition temperature	No data

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatible products

Fluorine, maleic anhydride, peracetic acid, Strong acids, strong bleaching agents, Strong oxidizing agents, strong reducing agents

Hazardous decomposition products

carbon dioxide and carbon monoxide, hydrogen sulfide, Sulphur oxides, nitrogen oxides (NO_x), Sodium oxides, various hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

SODIUM SULFONATE C14-C16 ALKANE : LD 50 Rat: 3,800 mg/kg

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HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : LD 50 Rat: 1,600 mg/kg
COCO DIETHANOLAMIDE : LD 50 Rat: 2,700 mg/kg

Acute inhalation toxicity

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : no data available

Acute dermal toxicity

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : LD 50 Rabbit: 6,300 mg/kg
POLYMERIC SURFACTANT : LD 50 Rabbit: > 10 g/kg
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : LD 50 Rabbit: > 2 g/kg

12. ECOLOGICAL INFORMATION

Biodegradability

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
SURFACTANT : Readily biodegradable
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : no data available

Bioaccumulation

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : no data available

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Ecotoxicity effects

Toxicity to fish

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : 96 h semi-static test LC 50 Brachydanio rerio (zebra fish): 3.60 mg/L

Toxicity to daphnia and other aquatic invertebrates.

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : 48 h static test EC 50 Water flea (Daphnia pulex): 2.15 mg/L

Toxicity to algae

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : 72 h EC 50 Desmodesmus subspicatus (green algae): 2.20 mg/L

Toxicity to bacteria

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : no data available

Biochemical Oxygen Demand (BOD)

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SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : no data available

Chemical Oxygen Demand (COD)

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : no data available

Additional ecological information

SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT : no data available
POLYMERIC SURFACTANT : no data available
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A : no data available
COCO DIETHANOLAMIDE : no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

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

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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

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

WARNING! This product contains a chemical known in the State of California to cause cancer.

1,4-DIOXANE
ACRYLONITRILE
ORGANIC DYE

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ETHYLENE OXIDE
ACETALDEHYDE

WARNING! This product contains a chemical known in the State of California to cause birth defects or other reproductive harm. ETHYLENE OXIDE

SARA Hazard Classification
Acute Health Hazard

New Jersey RTK Label Information

WATER	7732-18-5
SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT	68439-57-6
POLYMERIC SURFACTANT	
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A	9004-82-4

Pennsylvania RTK Label Information

WATER	7732-18-5
SODIUM SULFONATE C14-C16 ALKANE HYDROXY SURFACTANT	68439-57-6
POLYMERIC SURFACTANT	
DODECANOL, ETHOXYLATED, MONOETHER WITH SULFURIC A	9004-82-4
COCO DIETHANOLAMIDE	68603-42-9

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

Reportable quantity - Product

US. EPA CERCLA Hazardous Substances (40 CFR 302)	20802 lbs
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ASHLAND
SAFETY DATA SHEET

Page: 12
Revision Date: 02/26/2010
Print Date: 1/25/2011
MSDS Number: R0401729
Version: 4.0

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Reportable quantity-Components
DIETHANOLAMINE

111-42-2

100 lbs

	HMIS	NFPA
Health	2	2
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).