

CAR BRITE® TROPIGLO Carnauba  
Cleaner Wax CBOOA050B03

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION 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 number	1-800-ASHLAND (1-800-274-5263)

Product name	CAR BRITE® TROPIGLO Carnauba Cleaner Wax
Product code	CBOOA050B03
Product Use Description	No data

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance: liquid, fruity  
WARNING! Combustible Liquid, Highly toxic by inhalation, Moderate skin irritant, Moderate eye irritant.

**Potential Health Effects**

**Routes of Exposure**

Inhalation, Skin contact, Eye Contact, Ingestion

**Eye Contact**

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

**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**

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.

**Inhalation**

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

**Target Organs**

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: kidney damage

**Carcinogenicity**

Based on the available information, this material cannot be classified with regard to 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**

No data

**Other Information**

No data

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
MINERAL SPIRITS ODORLESS (BASE DATA)	8052-41-3	>=10-<15%
ALUMINUM SILICATE CALCINED	66402-68-4	>=5-<10%
WAX	NJTS# 254504001-	>=1.5-<5%

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DISTILLATES (PETROLEUM), ACID-TREATED LIGHT MORPHOLINE	5131 64742-14-9	>=1.5-<5%
	110-91-8	>=1-<1.5%

#### 4. FIRST AID MEASURES

##### Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek 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:** This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 2 - Swallowing) when deciding whether to induce vomiting.

**Treatment:** No information available.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

Water mist, carbon dioxide (CO<sub>2</sub>), dry chemical

##### Hazardous Combustion Products

May form:, carbon dioxide and carbon monoxide, formaldehyde, nitrogen oxides, silicates, sulfur oxides, various hydrocarbons

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### **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. 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.

### **Flammability Class for Flammable Liquids**

Combustible Liquid Class IIIA

## **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 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 repeated contact. 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**

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

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

**MINERAL SPIRITS ODORLESS 8052-41-3  
(BASE DATA)**

ACGIH	time weighted average	100 ppm
NIOSH	Recommended exposure limit (REL):	350 mg/m3
NIOSH	Ceiling Limit Value and Time Period (if specified):	1,800 mg/m3
OSHA Z1	Permissible exposure limit	500 ppm
OSHA Z1	Permissible exposure limit	2,900 mg/m3
OSHA Z1A	time weighted average	100 ppm
OSHA Z1A	time weighted average	525 mg/m3
US CA OEL	Time Weighted Average (TWA)	100 ppm
US CA OEL	Permissible Exposure Limit (PEL):	
US CA OEL	Time Weighted Average (TWA)	525 mg/m3
US CA OEL	Permissible Exposure Limit (PEL):	

**MORPHOLINE 110-91-8**

ACGIH	time weighted average	20 ppm
NIOSH	Recommended exposure limit (REL):	20 ppm
NIOSH	Recommended exposure limit (REL):	70 mg/m3
NIOSH	Short term exposure limit	30 ppm
NIOSH	Short term exposure limit	105 mg/m3
OSHA Z1	Permissible exposure limit	20 ppm
OSHA Z1	Permissible exposure limit	70 mg/m3

**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 TLV(s).

**Eye Protection**

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

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### **Skin and Body Protection**

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

### **Respiratory Protection**

If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH-approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	liquid
<b>Form</b>	No data
<b>Colour</b>	No data
<b>Odour</b>	fruity
<b>Boiling point/range</b>	No data
<b>pH</b>	9
<b>Flash point</b>	145.00 °F / 62.78 °C
<b>Evaporation rate</b>	No data
<b>Explosion limits</b>	No data
<b>Vapour pressure</b>	No data
<b>Vapour density</b>	No data
<b>Density</b>	0.94 g/cm <sup>3</sup> @ 60.00 °F / 15.56 °C
	No data
<b>Solubility</b>	No data
<b>Partition coefficient (n-octanol/water)</b>	No data
<b>Autoignition temperature</b>	No data

## **10. STABILITY AND REACTIVITY**

### **Stability**

Stable.

### **Conditions to Avoid**

Avoid contact with:

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**Incompatible Products**

Avoid contact with:, acids, bromine, chromic acid, peroxides, strong oxidizing agents

**Hazardous Decomposition Products**

May form:, carbon dioxide and carbon monoxide, formaldehyde, nitrogen oxides, silicates, sulfur oxides, various hydrocarbons

**Hazardous Reactions**

Product will not undergo hazardous polymerization.

**Thermal Decomposition**

No data

**11. TOXICOLOGICAL INFORMATION**

**Acute Oral Toxicity**

MINERAL SPIRITS ODORLESS      LD 50 Rat: 5 g/kg  
(BASE DATA)

MORPHOLINE      LD 50 Rat: 1,050 mg/kg

**Acute Inhalation Toxicity**

MORPHOLINE      LC 50 Rat: 8000 ppm, 8 h

**Acute Dermal Toxicity**

MINERAL SPIRITS ODORLESS      LD 50 Rabbit: 3 g/kg  
(BASE DATA)

MORPHOLINE      LD 50 Rabbit: 500 mg/kg

**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity**

**Acute and Prolonged Toxicity to Fish**



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Highly toxic by inhalation  
Moderate skin irritant  
Moderate eye irritant

	<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Other</b>
<b>HMIS</b>	1	2		
<b>NFPA</b>	1	2	0	

#### **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).