

CAR BRITE® ADHESIVE REMOVER  
Ready-To-Use, Fast Drying  
CBOOF007-03

**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	1-800-ASHLAND (1-800-274-5263)
Product name	CAR BRITE® ADHESIVE REMOVER Ready-To-Use, Fast Drying	
Product code	CBOOF007-03	
Product Use Description	No data	

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance: liquid,, colourless

WARNING! FLAMMABLE LIQUID AND VAPOR. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. MAY BE HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN, CAUSE IRRITATION AND BURNS.

**Potential Health Effects**

**Routes of exposure**

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. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, burns and other skin damage. 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.

CAR BRITE® ADHESIVE REMOVER  
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CBOOF007-03

### **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**

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), Liver, Central nervous system, male reproductive system, auditory system, kidney, Individuals with preexisting heart disorders maybe more susceptible to arrhythmias (irregular heartbeats) if exposed to high concentrations of this material.

### **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), redness of the skin, discomfort in the chest, central nervous system excitation (giddiness, liveliness, light-headed feeling) followed by central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects, effects on memory, respiratory depression (slowing of the breathing rate), Shortness of breath, Lack of coordination, confusion, irregular heartbeat, narcosis (dazed or sluggish feeling), coma

### **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., Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: testis damage, kidney damage, effects on hearing, liver damage, Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans: effects on hearing, central nervous system effects

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CBOOF007-03**Carcinogenicity**

Ethylbenzene has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. The International Agency for Research on Cancer (IARC) has classified ethylbenzene as a possible human carcinogen.

**Reproductive hazard**

This material (or a component) may be harmful to the human fetus based on positive test results with laboratory animals.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8	>=40-<50%
XYLENE	1330-20-7	>=40-<50%
ETHYL BENZENE	100-41-4	>=10-<15%

**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**

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CBOOF007-03

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:** Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. 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**

regular foam (such as AFFF), Agents approved for class B hazards or water fog., Carbon dioxide (CO2), Dry chemical

**Hazardous combustion products**

carbon dioxide and carbon monoxide, Hydrocarbons

**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).

**Flammability Class for Flammable Liquids**

Flammable Liquid Class IB

**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.

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CBOOF007-03

**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 after contact, especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. 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**

Store in closed containers in a dry, well-ventilated area. Do not store near extreme heat, open flame, or sources of ignition.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

<b>SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC</b>		<b>64742-89-8</b>
OSHA Z1	time weighted average	500 ppm
ACGIH	time weighted average	300 ppm
ACGIH	time weighted average	1,370 mg/m3
<b>XYLENE</b>		<b>1330-20-7</b>

**CAR BRITE® ADHESIVE REMOVER**  
Ready-To-Use, Fast Drying  
CBOOF007-03

ACGIH	time weighted average	100 ppm
ACGIH	Short term exposure limit	150 ppm
OSHA Z1	Permissible exposure limit	100 ppm
OSHA Z1	Permissible exposure limit	435 mg/m3
NIOSH	Recommended exposure limit	100 ppm
	(REL):	
NIOSH	Recommended exposure limit	435 mg/m3
	(REL):	
NIOSH	Short term exposure limit	150 ppm
NIOSH	Short term exposure limit	655 mg/m3

**ETHYL BENZENE**

**100-41-4**

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ACGIH	time weighted average	100 ppm
ACGIH	Short term exposure limit	125 ppm
NIOSH	Recommended exposure limit	100 ppm
	(REL):	
NIOSH	Recommended exposure limit	435 mg/m3
	(REL):	
NIOSH	Short term exposure limit	125 ppm
NIOSH	Short term exposure limit	545 mg/m3
OSHA Z1	Permissible exposure limit	100 ppm
OSHA Z1	Permissible exposure limit	435 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.

**Skin and body protection**

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

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Ready-To-Use, Fast Drying  
CBOOF007-03

**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>	colourless
<b>Odour</b>	hydrocarbon-like
<b>Boiling point/boiling range</b>	115.00 °C / 239 °F
<b>Melting point/range</b>	-15 °F / -26 °C
<b>pH</b>	No data
<b>Flash point</b>	73.9 °F / 23.3 °C, Pensky Martens closed cup
<b>Evaporation rate</b>	0.84
<b>Explosion limits</b>	1 %(V) 8 %(V)
<b>Vapour pressure</b>	226.66 hPa @ 100.00 °F / 37.78 °C
<b>Vapour density</b>	4.15
<b>Density</b>	0.8185 g/cm <sup>3</sup> @ 68 °F / 20 °C
<b>Solubility</b>	insoluble in water
<b>Partition coefficient: n-octanol/water</b>	No data
<b>log Pow</b>	no data available
<b>Autoignition temperature</b>	450 °F / 232 °C

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible products**

CAR BRITE® ADHESIVE REMOVER  
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CBOOF007-03

Strong oxidizing agents, Avoid contact with:

**Hazardous decomposition products**

carbon dioxide and carbon monoxide, Hydrocarbons

**Hazardous reactions**

Product will not undergo hazardous polymerization.

**Thermal decomposition**

No data

**11. TOXICOLOGICAL INFORMATION**

**Acute oral toxicity**

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	LD 50 Rat: > 8,000 mg/kg
XYLENE	LD 50 Rat: 4,300 mg/kg
ETHYL BENZENE	LD 50 Rat: 3,500 mg/kg

**Acute inhalation toxicity**

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	LC 50 Rat: 3400 ppm, 4 h
XYLENE	no data available
ETHYL BENZENE	LC Lo Rat: 4000 ppm, 4 h

**Acute dermal toxicity**

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	LD 50 Rat: > 4,000 mg/kg
XYLENE	LD 50 Rabbit: > 2,000 mg/kg
ETHYL BENZENE	LD 50 Rabbit: 17,800 mg/kg

**12. ECOLOGICAL INFORMATION**

**Aquatic toxicity**

**Acute and Prolonged Toxicity to Fish**

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CBOOF007-03

No data  
**Acute Toxicity to Aquatic Invertebrates**  
No data

**Environmental fate and pathways**

No data

**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**

**IMDG:**

UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

**IATA\_P:**

UN1993, Flammable liquid, n.o.s. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

**IATA\_C:**

UN1993, Flammable liquid, n.o.s. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

**CFR\_ROAD:**

UN1993, Flammable liquids, n.o.s. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

**CFR\_RAIL:**

UN1993, Flammable liquids, n.o.s. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

**CFR\_INWTR:**

UN1993, Flammable liquids, n.o.s. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

**IMDG\_ROAD:**

UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

**IMDG\_RAIL:**

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Ready-To-Use, Fast Drying  
CBOOF007-03

UN1993, FLAMMABLE LIQUID, N.O.S. (SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC, XYLENE) 3, III

Dangerous goods descriptions (if indicated above) may not reflect package size, 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.

ETHYL BENZENE  
BENZENE

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

TOLUENE  
BENZENE

**SARA Hazard Classification**    Fire Hazard  
Acute Health Hazard  
Chronic Health Hazard

**SARA 313 Component(s)**

XYLENE	1330-20-7	42.35%
ETHYL BENZENE	100-41-4	12.1%

**Reportable quantity - Product**

US. EPA CERCLA Hazardous Substances (40 CFR 302)	236 lbs
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**Reportable quantity - Components**

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8	none
XYLENE	1330-20-7	100 lbs
ETHYL BENZENE	100-41-4	1000 lbs

<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Other</b>
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**ASHLAND**  
**SAFETY DATA SHEET**

Page: 11  
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MSDS Number: R0406188  
Version: 1.6

CAR BRITE® ADHESIVE REMOVER  
Ready-To-Use, Fast Drying  
CBOOF007-03

<b>HMIS</b>	2*	3	0
<b>NFPA</b>	2	3	0

<b>16. OTHER INFORMATION</b>
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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).