

SAFETY DATA SHEET

BLUE VELVET WAX

Version: 1.0

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade Name Upholstery Cleaner Concentrate

Intended Use Car refinishing/detailing products

Supplier Blue Ribbon Products
7687 Winton Dr. Bldg 130
Indianapolis, IN 46268

E-Mail blueribbon@iquest.com

Emergency phone no. +1-800-424-9300

2. HAZARDS IDENTIFICATION**Indication of danger**

-Harmful

Risk Warnings

-Flammable.
-Harmful: May cause lung damage if swallowed.
-Possible risk of impaired fertility.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	EINECS-No	Concentration	Symbol(s)	R-phrases
ALIPHATIC PETROLEUM DISTILLATES	8052-41-3	232-489-3	>=10 - <15%	Carc. Cat. 2 Xn C	R65
octamethylcyclotetrasiloxane	556-67-2	209-136-7	>=5 - <10%	Repr.Cat.3	R62 R53
Mesitylene; 1,3,5-trimethylbenzene	108-67-8	203-604-4	>=0.5 - 1%	Xi N	R62 R53
1,2,4-trimethylbenzene	95-63-6	202-436-9	>=0.5 - <1%	Xn Xi N	R10 R20 R36/37/38 R51 R53

4. FIRST AID MEASURES**GENERAL INFORMATION**

Consult a physician. Show this safety data sheet to the doctor in attendance.

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 o

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there is any visual difficulty, seek medical attention. Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists. Remove contact lenses.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse. Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water.

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. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention.

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. Move to fresh air. Consult a physician after significant exposure. If symptoms persist, call a physician. In case of shortness of breath, give oxygen.

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. 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:

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 ABC powder, Dry chemical, Water mist, Carbon dioxide (CO₂)

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Unsuitable extinguishing media

DO NOT USE: Halons

Hazardous combustion products

May form: carbon dioxide and carbon monoxide, formaldehyde, Hydrogen, silicon oxides, various hydrocarbons
May form: carbon dioxide and carbon monoxide, hydrocarbons, various hydrocarbons

Thermal decomposition

no data available

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. Do not allow runoff from fire fighting to enter drains or water courses. Keep containers and surroundings cool with water spray. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

Personal protective equipment

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA). In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

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. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). 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. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Absorb liquid on vermiculite, floor absorbent or other absorbent material. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for

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disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

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. 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. Avoid formation of aerosol. Do not breathe vapours or spray mist. For personal protection see section 8. Provide sufficient air exchange and/or exhaust in work rooms. Avoid exceeding of the given occupational exposure limits (see section 8). Smoking, eating and drinking should be prohibited in the application area. Ensure all equipment is electrically grounded before beginning transfer operations. Handling equipment must be properly grounded. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Take measures to prevent the build up of electrostatic charge. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Keep product and empty container away from heat and sources of ignition. No sparking tools should be used. Avoid formation of aerosol.

Storage

Store in closed containers in a dry, well-ventilated area. Do not store near extreme heat, open flame, or sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Stable under recommended storage conditions. Protect from frost.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

mesitylene; 1,3,5-trimethylbenzene (108-67-8)			
EU ELV	time weighted average	20 ppm	
EU ELV	time weighted average	100 mg/m3	
1,2,4-trimethylbenzene (95-63-6)			
EU ELV	Short term exposure limit	20 ppm	
EU ELV	Short term exposure limit	100 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. Keep away from food, drink and animal feedingstuffs. When using do not eat, drink or smoke. Ensure that eyewash stations and safety showers are close to the workstation location.

Exposure controls

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. Keep away from food, drink and animal feedingstuffs. When using do not eat, drink or smoke. Ensure that eyewash stations and safety showers are close to the workstation location.

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. Safety glasses with side-shields

Skin and body protection

Wear resistant gloves (consult your safety equipment supplier).
To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Wear as appropriate:
Safety shoes
Flame-resistant clothing
Wear resistant gloves such as:

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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

Physical state	liquid
Form	not data available
Colour	blue
Odour	solvent
Boiling point/bolingrange	(>) 150.00 °F @ 760.00 mmHg
Melting Point/range	not data available
pH	not data available
Flash point	46.10 °C
Evaporation rate	not data available
Explosion limits	1 % (V) 6% (V)
Vapour pressure	233.33 hPa @ 20 °C
Vapour density	not data available
Density	not data available
Solubility	not data available
Partion coefficient: n-octanol/water	not data available
log Pow	not data available
Autoignition tempature	not data available
Viscosity, dynamic	not data available
Viscosity, kinematic	not data available

10. STABILITY AND REACTIVITY**Stability**

Stable. Stable under recommended storage conditions.

Conditions to avoid

Heat, flames and sparks.

Incompatible products

Avoid contact with:, strong oxidizing agents
Avoid contact with:, strong oxidizing agents

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Hazardous decomposition products

May form: carbon dioxide and carbon monoxide, formaldehyde, Hydrogen, silicon oxides, various hydrocarbons
May form: carbon dioxide and carbon monoxide, hydrocarbons, various hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization. Hazardous polymerisation does not occur. Vapors may form explosive mixture with air.

11. TOXICOLOGICAL INFORMATION

Routes of exposure

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

Eye contact

May cause mild irritaion. Symptoms include sting, 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.No skin irritation

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This materia can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.Harmful: may cause lung damage if swallowed.

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.).Not known to be harmful if inhaled.

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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) Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: Skin, 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), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects 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) and other central nervous system effects

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

Component data**Acute oral toxicity**

ALIPHATIC PETROLEUM DISTILLATES	LD 50 Rat: 5 g/kg
octamethylcyclotetrasiloxane	LD 50 Rat: 1,540 mg/kg
mesitylene; 1,3,5-trimethylbenzene	LD 50 Rat: 5,000 mg/kg
1,2,4-trimethylbenzene	LD 50 Rat: 6 g/kg

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Acute inhalation toxicity

ALIPHATIC PETROLEUM DISTILLATES	no data available
octamethylcyclotetrasiloxane	LC50 rat: 36 mg/l ,
mesitylene; 1,3,5-trimethylbenzene	no data available
1,2,4-trimethylbenzene	LC 50 Rat: 18 g/m3 , 4 h

12. ECOLOGICAL INFORMATION**Product information****Aquatic toxicity**

no data available

Environmental fate and pathways**Biodegradation**

no data available

Bioaccumulation

The bioaccumulation potential cannot be determined.

Component data**ALIPHATIC PETROLEUM DISTILLATES (8052-41-3)****octamethylcyclotetrasiloxane (556-67-2)****mesitylene; 1,3,5-trimethylbenzene (108-67-8)**96 h LC 50 Goldfish (*Carassius auratus*) Flow through: 9.89 - 15.05 mg/l24 h EC 50 Water flea (*Daphnia magna*) Static: 50 mg/l**1,2,4-trimethylbenzene (95-63-6)**96 h LC 50 Fathead minnow (*Pimephales promelas*) Flow through: 7.19 - 8.28 mg/l**13. DISPOSAL CONSIDERATIONS****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. Do not contaminate ponds,

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waterways or ditches with chemical or used container. Container hazardous when empty. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations.

Empty packaging

Empty remaining contents. Dispose of as unused product. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

European Waste Catalogue

not hazardous

14. TRANSPORT INFORMATION

RID:

, FLAMMABLE LIQUID, N.O.S. (ALIPHATIC PETROLEUM DISTILLATES,) 3, III

IMDG:

, FLAMMABLE LIQUID, N.O.S. (ALIPHATIC PETROLEUM DISTILLATES,) 3, II

IATA_C:

, Flammable liquid, n.o.s. (ALIPHATIC PETROLEUM DISTILLATES,) 3, II

ADR:

, FLAMMABLE LIQUID, N.O.S. (ALIPHATIC PETROLEUM DISTILLATES,) 3, II

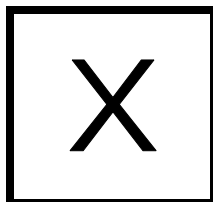
Dangerous goods descriptions (if indicated above) may not reflect package size, quantity, enduse or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

Product Use Description

no data available

Hazard symbols



Harmful



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Revision Date 14.03.2008

R-phrase(s)

- R10 Flammable.
- R62 Possible risk of impaired fertility.
- R65 Harmful: may cause lung damage if swallowed.

S-phrase(s)

- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour.
- S36/37 Wear suitable protective clothing and gloves.
- S38 In case of insufficient ventilation, wear suitable respiratory equipment.
- S51 Use only in well-ventilated areas.
- S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Contains

ALIPHATIC PETROLEUM DISTILLATES	8052-41-3
octamethylcyclotetrasiloxane	556-67-2

Regulations in other countries

Germany

16. OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3

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 Blue Ribbon Environmental Health and Safety Department (888-274-2266).