

SAFETY DATA SHEET

PERFECT COMPOUND

Version: 1.0

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

Trade Name Perfect Compound

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

-Irritant

Risk Warnings

-May cause sensitization by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	EINECS-No	Concentration	Symbol(s)	R-phrases)
Glycerol	56-81-5	200-289-5	>=5 - <10%	Xi	R36
ALIPHATIC PETROLEUM DISTILLATES	8052-41-3	232-489-3	>=2.5 - <5%	Carc.Cat.2 Xn	R65
SORBITAN MONOLAURATE POLYETHOXYLATE	9005-64-5		>=1 - <2.5%	Xi	R36/38
1,2,4-trimethylbenzene	95-63-6	202-436-9	>=0.1 - <0.5%	Xn Xi N	R10 R20 R36/37/38 R51 R53
mesitylene; 1,3,5- trimethylbenzene	108-67-8	203-604-4	>=0.1 - <0.5%	Xi N	R10 R37 R51 R53
ALKYLAMINE	4719-04-4	225-208-0	>=0.1 - <0.5%	Xn	R22 R43

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4. FIRST AID MEASURES**GENERAL INFORMATION**

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

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. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention. 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. Wash contaminated clothing before re-use. If skin irritation persists, call a physician.

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 without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

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. 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. Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term

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sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities. 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)

Unsuitable extinguishing media

DO NOT USE: Halons

Hazardous combustion products

May form:., carbon dioxide and carbon monoxide, various hydrocarbons
May form:., aldehydes, carbon dioxide and carbon monoxide, nitrogen oxides, various hydrocarbons, 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.

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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. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. 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. Ensure adequate ventilation. Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.

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 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

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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. 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. Keep away from heat and sources of ignition.

Storage

Store in closed containers in a dry, well-ventilated area. 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.

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/m ³	
1,2,4-trimethylbenzene (95-63-6)			
EU ELV	time weighted average	20 ppm	
EU ELV	time weighted average	100 mg/m ³	

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.

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Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s). Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

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
Wear resistant gloves such as:

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. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Form	no data available
Colour	off-white
Odour	solvent
Boiling point/boiling range	(>) 150.00 °F @ 760.00 mmHg
Melting Point/range	not data available
pH	no data available
Flash point	72.20 °C
Evaporation rate	no data available
Explosion limits	1 % (V) 6% (V)
Vapour pressure	23.33 hPa @ 20°C
Vapour density	no data available
Density	no data available
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

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10. STABILITY AND REACTIVITY

Stability

Stable. No hazards to be specially mentioned.

Conditions to avoid

None known.

Incompatible products

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

Hazardous decomposition products

May form:., carbon dioxide and carbon monoxide, various hydrocarbons
May form:., acrolein, aldehydes, carbon dioxide and carbon monoxide, various hydrocarbons, hydrocarbons

Hazardous reactions

Product will not undergo hazardous polymerization. Hazardous polymerisation does not occur.

11. TOXICOLOGICAL INFORMATION

Routes of exposure

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

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. Additional symptoms of skin contact may include: allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects) 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

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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. Not known to be harmful 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. Prolonged or repeated breathing of this material may result in chronic bronchitis (inflammation of the airways of the lungs). Symptoms include coughing and shortness of breath. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.). Not known to be harmful if inhaled.

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: 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), thirst, irritation (nose, throat, airways), headache, dizziness, 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., Chronic

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feeding studies with white oils (greater than 0.5% in the diet) have resulted in increased organ weights (liver, kidney, spleen), and in microscopic areas of oil accumulation in the liver and the lymph nodes of the gut in experimental animals. These changes have occasionally been associated with cell damage. In humans, cell damage resulting from accumulation of these oil droplets has only occurred following prolonged ingestion of mineral oil. These effects are not expected to occur as a result of occupational exposure to white oils., 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 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**

Glycerol	LD 50 Rat: 12,600 mg/kg
ALIPHATIC PETROLEUM DISTILLATES	LD 50 Rat: 5 g/kg
SORBITAN MONOLAURATE POLYETHOXYLATE	LD 50 Rat: 40,590 mg/kg
1,2,4-trimethylbenzene mesitylene; 1,3,5-trimethylbenzene	LD 50 Rat: 6 g/kg LD 50 Rat: 5,000 mg/kg
ALKYLAMINE	LD 50 Rat: 763 mg/kg

Acute inhalation toxicity

Glycerol	LC 50 Rat: 570 mg/m ³ , 1 h
ALIPHATIC PETROLEUM DISTILLATES	no data available
SORBITAN MONOLAURATE POLYETHOXYLATE	no data available
1,2,4-trimethylbenzene	LC 50 Rat: 18 g/m ³ , 4 h
mesitylene; 1,3,5-trimethylbenzene	no data available
ALKYLAMINE	no data available

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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**Glycerol (56-81-5)****ALIPHATIC PETROLEUM DISTILLATES (8052-41-;)****SORBITAN MONOLAURATE POLYETHOXYLATE (9005-64-;)****1,2,4-trimethylbenzene (95-63-;)**96 h LC 50 Fathead minnow (*Pimephales promelas*) Flow through: 7.19 - 8.28 mg/l**mesitylene; 1,3,5-trimethylbenzene (108-67-;)**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**ALKYLAMINE (4719-04-4)****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, 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.

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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

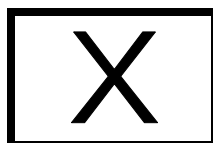
Dangerous goods descriptions (if indicated above) may not reflect package size, quantity, enduse or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

Product Use Description

no data available

Hazard symbols



Irritant

R-phrase(s)

R43 May cause sensitization by skin contact.

S-phrase(s)

S23 Do not breathe vapour.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

S51 Use only in well-ventilated areas.

S60 This material and its container must be disposed of as hazardous waste.



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Contains

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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).