



MATERIAL SAFETY DATA SHEET
1-BT473

Canutec 1-613-996-6666 (24 hours)

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product identification : 1-BT473
Product name : Bug and Tar Remover
Chemical family : Mixture
Supplier / Manufacturer : Auto-Chem Inc.
33 de Lyon
Repentigny, QC, Canada
J5Z 4Z3
Tel : 450-654-9292
Fax : 450-654-0633
www.autochem.com
Contact : Jean Dagenais

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS	Percentage	Exposure limits
Glycol Ether EB	111-76-2	1 – 5	LD50 500 mg/kg, rat, oral TLV, TWA 20 ppm OSHA PEL, TWA 50 ppm, skin NIOSH PEL, TWA 5 ppm, skin NIOSH IDLH 700 ppm
Parrafinic hydrocarbon	64742-47-8	7 – 13	Aucune donnée.
Stoddard solvent	8052-41-3	10 – 30	LD50 >5000 mg/kg, rat, oral LD50 >3000 mg/kg, rabbit, dermal LC50 >5,5 mg/l/4 hrs, rat TLV TWA 100 ppm
Methanol	67-56-1	1 – 5	LD50 6200 mg/kg, rat, oral LD50 7300 mg/kg, mouse, oral LD50 15800 mg/kg, rabbit, dermal LD50 14200 mg/kg, rabbit, oral LC50 64000 ppm, 4hrs, rat, inhalation 200 ppm TLV-TWA (ACGIH) 250 ppm STEL (ACGIH) 200 ppm TWA (OSHA)

3. HAZARDS IDENTIFICATION

Potential acute health effects :

Eye contact : Vapours are moderately irritating to the eyes.
Skin contact : Not a primary skin irritant after exposure of short duration.
Inhalation : Vapours are moderately irritating to respiratory passages. In rare case, may sensitize heart muscle causing heart arrhythmia.
Ingestion : Accidental aspiration of liquid in the lungs can cause a severe inflammation of the lungs. Ingestion can cause methanol intoxication, which may be fatal.

Potential chronic health effects :

Eye contact : None known.
Skin contact : Dermatitis, may defat the skin, allergic reactions.

Inhalation : Prolonged or repeated inhalation can cause coughing, shortness of breath, dizziness and intoxication, nausea and central nervous system depression.
Ingestion : Blindness.

4. FIRST AID MEASURES

Eyes : Rinse immediately with water 15 to 20 minutes. Remove contact lenses. Obtain medical attention if irritation develops.
Skin : In case of direct contact, rinse with running water 15 to 20 minutes. Remove contaminated clothing and wash with soap and water.
Inhalation : Remove person to fresh air. In case of respiratory failure, give artificial respiration. In case of respiratory distress, obtain medical attention.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious or convulsing person. In case of respiratory or cardiac arrest, start cardio-pulmonary resuscitation and obtain medical attention.

Note to physician : Acute exposure to methanol, either through ingestion or breathing high airborne concentrations can result in symptoms appearing between 40 minutes and 72 hours after exposure. Symptoms and signs are usually limited to CNS, eyes and gastrointestinal tract. Because of the initial CNS's effects of headache, vertigo, lethargy and confusion, there may be an impression of ethanol intoxication. Blurred vision, decreased acuity and photophobia are common complaints. Treatment for methanol intoxication.

5. FIRE FIGHTING MEASURES

Flash point : Not applicable.
Auto-ignition temperature: Not applicable.
Flammability limits – air (%): LEL: UEL:
Extinguishing media : Carbon dioxide (CO₂), alcohol foam, dry chemical powder or water fog, according to the nature of the fire. Dry chemical powder or water can be used to cool containers. Do not use water except as a fog.
Protective equipment : Fire fighters should wear full protective clothing, including self contained breathing equipment.
Hazardous combustion materials : Carbon oxides.
Remarks : Organic components may ignite once water has evaporated.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. Remove contaminated clothing. Shut off leaks if safe to do so. Remove all possible sources of ignition in the surrounding area. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or waterways using sand, earth or other appropriate barriers.

Small spill : For less than one drum, transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely.

Large spill : For more than one drum, transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with

appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely.

7. HANDLING AND STORAGE

Handling : Safety glasses and chemicals resistant gloves.

Storage : Keep container closed. Do not freeze.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering controls : General ventilation of work area is recommended.

Personal protection equipment for routine handling :

Eye : Use adequate protection – safety glasses at a minimum.

Skin : Washing before meals and at end of shift is adequate.

Gloves : Chemicals resistant gloves.

Inhalation : Not needed under normal conditions.

Personal protection equipment for spills :

Eyes : Use adequate protection – safety glasses at a minimum.

Skin : Washing before meals and at end of shift is adequate.

Gloves : Chemicals resistant gloves.

Inhalation : Not needed under normal conditions.

Note : These precautions are for room temperature handling. Use at elevated temperatures of aerosol spray applications may require added protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid
Colour : Colourless
Odour : Solvent
pH @ 1% : Neutral
Relative density (g/cm³) : .09 to 1.0
Boiling point : Not determined
Freezing point : 0 C
Vapour pressure : Not available
Volatiles (weight) : Not determined
Solubility (water) : Soluble
VOC (%) : Not available

10. STABILITY AND REACTIVITY

Chemical stability : Stable.
Hazardous polymerization : No.
Conditions to avoid : None known.
Materials to avoid : Strong oxidizers, acids.
Dangerous decomposition products : Carbon dioxide, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

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Ingestion : Accidental aspiration of liquid in the lungs can cause an severe inflammation of the lungs. Ingestion can cause methanol intoxication, which may be fatal.

Potential chronic health effects :

Carcinogenic effects: None known.

Mutagenic effects: None known.

Teratogenic effects: None known.

12. ECOLOGICAL INFORMATION

Do not allow large quantities of the product or firefighting water runoff to enter sewers or waterways. Block sewers and ditches. Areas affected by a spill must be cleaned to their original condition or to the satisfaction of the authorities.

13. DISPOSAL CONSIDERATIONS

Waste disposal method : Dispose according to municipal, provincial and federal regulations.

Contaminated packaging : According to municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION

WHIMS : D2A Very toxic material with other effects
D2B Toxic material with other effects

DSL : All components of this product are either on the Domestic Substance List (DSL), the Non-Domestic Substance List (NDSL) or exempt.

TSCA : U.S. TSCA Inventory Status : All components of this product are either on the Toxic Substances Control Act Inventory List or exempt.

16. OTHER INFORMATION

Prepared by : Auto-Chem Inc.

Date : Sept. 2015

Notice to reader :

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Auto-Chem makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Auto-Chem's control and therefore users are responsible to verify this data under their own operation conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.