

**HALL CHEM MFG. INC.**

1270 rue Nobel  
Boucherville Qc.

(450)645-0296

(450)645-0444

**MATERIAL SAFETY DATA SHEET**  
**EMERGENCY : CANUTEC (613) 996-6666**

**MSDS: 2507-2**

**PRODUCT IDENTIFICATION AND USE**

**NAME OF PRODUCT :** Air intake cleaner

**USE OF PRODUCT :** air intake cleaner

**TRANSPORTATION OF DANGEROUS GOODS**

**SHIPPING NAME :** Aerosols

**WHMIS CLASSIFICATION:** A, B1, B2, B5, D2A, D2B

**P.N.I. :** UN 1950

**PRIMARY CLASS :** 2.1

**PACKING GROUP :** II

**SUBSIDIARY CLASS :** 6.1

**COMPONENTS**

| COMPOSITION            | % V/V         | CASE #    | LD <sub>50</sub> mg/kg<br>Oral/rat | LC <sub>50</sub> | TLV ppm 8h |
|------------------------|---------------|-----------|------------------------------------|------------------|------------|
| Toluene                | Not available | 108-88-3  | 3000                               | 8000             | 50         |
| Aliphatic petrol dist. | Not available | 8052-41-3 | 5000                               | 5000             | 400        |
| Isopropyl alcohol      | Not available | 67-63-0   | 5000                               | 22600            | 400        |

**PHYSICAL CHARACTERISTICS**

|  |  |  |                              |
|--|--|--|------------------------------|
| <b>PHYSICAL STATE :</b><br>Liquid under pressure | <b>APPEARANCE :</b><br>Clear liquid                      | <b>ODOR :</b><br>Aromatic                      | <b>ODORTRESHOLD :</b><br>--- |
| <b>VAPOR TENSION (psig) :</b><br>85-100 at 70°F  | <b>VAPOR DENSITY :</b><br>Not established                | <b>EVAPORATING RATE :</b><br>Not established   |                              |
| <b>BOILING RANGE :</b><br>Not available          | <b>FREEZING POINT :</b> ---                              | <b>pH :</b> ---                                |                              |
| <b>DENSITY (g/mL) :</b><br>Concentrate only 0.85 | <b>DISTRIBUTION FACTOR<br/>WATER/OIL :</b> Not available | <b>SOLUBILITY IN WATER (25°C) :</b><br>Partial |                              |



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**REACTIVITY DATA**

**CHEMICAL STABILITY :** Stable

**INCOMPATIBILITY WITH OTHER PRODUCTS :** Acid and strong oxidizers

**REACTIVITY CONDITIONS :** Avoid open flames, welding arcs, heat and sparks. Not hazardous polymerization.

**EXPLOSION AND FIRE RISKS**

**FLAMMABILITY :** 4 (extremely flammable)

**EXTINGUISHING METHODS :** Foam, dry chemicals, carbon dioxide, water

**FLASH POINT :** Not available

**AUTO-IGNITION TEMPS. :** Not established

**FLAMMABILITY (% per volume)** as per USA flame projection test (aerosols) non flammable

**SUPERIOR LIMIT :** Not established

**LOWER LIMIT :** Not established

**HAZARDOUS COMBUSTION PRODUCT :** CO, CO2

**EXPLOSIBILITY DATA :** Containers may rupture if expose aerosol at temperatures above 130°F.

**TOXICOLOGICAL PROPERTIES**

| <b>ABSORPTION WAYS :</b> |                     |                    | <b>CONTACT :</b>   |               |
|--------------------------|---------------------|--------------------|--------------------|---------------|
| <b>SKIN</b> ✓            | <b>INHALATION</b> ✓ | <b>INGESTION</b> ✓ | <b>WITH SKIN</b> ✓ | <b>EYES</b> ✓ |

**EFFECTS OF EXPOSURE TO PRODUCT :** Product can irritate skin and eyes. Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and unconsciousness. Excessive exposure may cause cardiac and liver abnormalities, kidney and /or lung damage. Lab animals have experienced anemia, liver, kidney, lung, blood damage to glycol ether EB. General exposure may aggravate existing eye, skin, or upper respiratory conditions. Ingestion can cause nausea. Aspiration into lungs may cause chemical pneumonitis which can be fatal.

**PREVENTIVE MEASURES**

**PROTECTIVE EQUIPMENT :** Respirator, gloves, safety glasses



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**GLOVES :** Rubber

**RESPIRATORY SYSTEM :** Respirator approved by U.S. Bureau of Mines for organic vapors if vapors concentration exceeds TLV.

**OCULAR INSTRUMENT :** Safety glasses recommended

**CLOTHING :** None

**TECHNICAL CONTROL :** Adequate ventilation to keep vapor concentration below TLV

**PROCEDURE IN CASE OF LEAKS/SPILLS :** Absorb with suitable medium

**HANDLING :** Do not puncture or incinerate containers

**WASTE DISPOSAL :** Dispose according to local, state and federal regulations. Prevent from entering drains or sewers

**STORAGE :** Do not store at temperatures above 130°F.

**FIRST AID**

**SKIN :** Wash with soap and water. If irritated, seek medical attention.

**EYES :** Flush with water for 15 minutes. If irritated seek medical attention.

**INHALATION :** Remove to fresh air. Resuscitate if necessary. Get medical attention.

**INGESTION :** Do not induce vomiting. Drink two large glasses of water. Get medical attention.

**INFORMATION ON THE M.S.D.S. PREPARATION**

**PREPARED BY :**  
Hall Chem Mfg. Inc.

**TELEPHONE :** (450) 645-0296

**REVISED:** january 2015

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