Product Information

# MATERIAL SAFETY DATA SHEET

MAINTENANCE LIMITED
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HMIS Hazard Rating

| | | |
|---|---|---|
| HEALTH | 2 | 0 – Insignificant |
| FLAMMABILITY | 3 | 1 – Slight |
| REACTIVITY | 0 | 2 – Moderate |
| PERSONAL PROTECTION | B | 3 – High |
| | | 4 – Extreme |

**Product Name:** Aromx 62 (8962)
**Product Use:** Deodourizer/Space Spray
**Emergency Tel:** Canutec (613) 996-6666

## Hazardous Ingredients

NA = Not Available NE = Not Established

| Ingredients | CAS# | WT% | ACGIH-TLV | $LD_{50}$ | $LC_{50}$ |
|---|---|---|---|---|---|
| Isopropanol | 67-63-0 | 10-30 | 200 ppm TWA | 5,045 mg/kg (Oral, Rat) | 12,000 ppm 8 hrs. Rat |
| Propylene glycol | 57-55-6 | 3-7 | NA | 18,300 mg/kg (Oral, Rat) | NA |
| Alcohol ethoxylate | 68439-46-3 | 1-5 | NA | 1,378 mg/kg (Oral, Rat) | NA |

## Physical Data

**Appearance and odour:** Yellow; fruity
**Vapour pressure (mm Hg):** NE
**Vapour density (Air=1):** NE
**Solubility in water (20°C):** Soluble.
**Physical state:** Liquid
**Boiling point (°C):** NE
**Freezing point (°C):** NE
**Specific gravity (Water=1):** 0.977
**% Volatile (Wt %):** 97
**Evaporation rate (Water=1):** NE
**pH (as supplied):** 9.80
**Odour threshold (ppm):** NE
**Coefficient of water/oil distribution:** NE
**Viscosity:** Water thin.

## Fire and Explosion Data

**Flammability:** Flammable
**Flashpoint (°C, TCC):** 36
**LEL:** 2.0 (Isopropanol) **UEL:** 12.7 (Isopropanol)
**Hazardous combustion products:** May include and are not limited to oxides of carbon.
**Means of extinction:** Dry chemical, carbon dioxide, alcohol foam.
**Special fire hazards:** Firefighters should wear self-contained breathing apparatus.
**Explosion Data – sensitivity to mechanical impact:** NE
**Explosion Data – sensitivity to static discharge:** NE

## Reactivity Data

**Conditions for chemical instability:** Stable
**Incompatible materials:** Strong oxidizing agents.
**Conditions of reactivity:** NE
**Hazardous decomposition products:** May include and are not limited to oxides of carbon when heated to decomposition.

## First Aid

**Eye:** Flush eyes with large amount of water for 15 minutes while holding eyelids open. If irritation occurs or persists, seek medical attention.
**Skin:** Wash skin with soap and water. If irritation develops, seek medical attention. Completely clean clothing, shoes and leather goods before reuse or discard.
**Inhalation:** If affected, remove to fresh air immediately. If symptoms persist, seek medical attention.
**Ingestion:** Do not induce vomiting**.** Rinse mouth with water, then drink one glass of water. Contact a doctor. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

## Preventive Measures

**Gloves:** Latex, nitrile, PVC or rubber. Confirm with a reputable supplier first.
**Eye protection:** Safety glasses.
**Respiratory protection:** Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.
**Other protective equipment:** As required by employer code.
**Engineering control:** General ventilation normally adequate. Local exhaust for large scale or elevated temperatures.
**Leak and spill procedure:** Before attempting clean up, consult MSDS. Small spills may be absorbed with non-reactive material absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Consult emergency services and supplier for advice.
**Waste disposal:** Review or contact local, provincial and federal authorities for disposal methods.
**Storage & handling requirements:** KEEP OUT OF REACH OF CHILDREN. Keep in a closed, labeled container. Store in a cool, dry, well-ventilated area away from incompatible materials. Do not handle or store near an open flame, sources of heat or sources of ignition.
**Special shipping information:** Do not freeze. Keep away from sources heat.

## Toxicological Information

**Route of Entry:** Eye, Skin Contact, Inhalation, Ingestion
**Effects of Acute Exposure:**
**Eye Contact:** May cause severe irritation, reddening and swelling of tissues around eyes.
**Skin Contact:** May cause moderate to high irritation.
**Skin absorption:** NE
**Inhalation:** May cause nose, throat and respiratory tract irritation, coughing and headache.
**Ingestion:** May cause stomach distress, nausea, vomiting.
**Effects of Chronic Exposure:**
**Skin:** Prolonged exposure may cause skin defatting and dermatitis.
**Irritancy:** Non-hazardous by WHMIS criteria.
**Sensitization to product:** None known.
**Carcinogenicity:** None known.
**Teratogenicity, Mutagenicity, Reproductive effects:** NE
**Toxicological synergistic products:** NA

## Regulatory Information

**TDG Pin/Class:** Flammable Liquids, N.O.S. (Isopropanol)
Class 3 UN 1993 PG III
**WHMIS Class:** B2, D2B
**SARA Title III:** NE

## Preparation Information

**Prepared By:** Charlotte Products Technical Services
**Date: May 16, 2014** **Tel:** (705) 740-2880

Disclaimer: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form. If user independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CCST in Montreal, Quebec (514-873-3990).