



**CAN-ROSS ENVIRONMENTAL SERVICES LTD.**  
**1-2340 Winston Park Drive, Oakville, ON L6H 7T7 CANADA**

**TRADE NAME:** Liquitrol™ Haz-Mat Premium  
**PRODUCT CODE:** U-100, U-200, U-190, U-2, U-210 & U-4...

**SECTION 01 : CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

**PRODUCT NAME:** Haz-Mat Premium Sorbents, Yellow Fine Fiber (MB, SM, SMS)  
**PRODUCT FORM:** Polypropylene Melt Blown (MB or M) and/or Spunbond (S) Composites Having hydrophilic & color applications, including converted products of; Socks, Booms, Pillows, Sheets and safety kits in different dimensions.

**MANUFACTURER'S NAME:** Can-Ross Environmental Services Ltd.  
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**SECTION 02 : HAZARDS IDENTIFICATION**

Not hazardous under normal conditions. (Accidental thermal decomposition or melting state can present hazards.)  
No ingredient classified under (EC) No. 1272/2008 (CLP)  
Not dangerous substance according to **GHS Classification**.  
Not a controlled product for **WHMIS Classification**.  
Not dangerous substance according to **TDG Classification**.

**NFPA Hazard Ratings:** none (0) → extreme (4)

**Health:** 0

**Fire:** 1

**Reactivity:** 0

**SECTION 03 : COMPOSITION / INFORMATION on HAZARDOUS INGREDIENTS**

**Nonwoven:** Melt blown web forming and area thermal bonded or ultrasonic web bonding process  
**Nature of fiber(s):** Minimum 96% polypropylene (Polypropylene CAS No: 9003-07-0)  
**Binder:** No  
**Chemicals:** No  
**Web surface treatment:** Maximum 0,5% (Surfactant)  
**Additives:** Maximum 3% color pigments and proprietary components.  
**Other major components:** Maximum 0,5% TiO<sub>2</sub> (CAS No: 13463-67-7)  
For only special product covers (such as; socks, booms...);  
Maximum 3% polyester (Polyethylene terephthalate CAS No: 25038-59-9)

**SECTION 04 : FIRST AID MEASURES**

**Inhalation:** No specific measure to be taken **under normal conditions**.  
**Carcinogenicity:** No specific information available. See **SECTION 11**.  
**Skin contact:** No specific measure to be taken. If redness or **irritation** persists use good personal hygiene and wash thoroughly after handling. For continuing complaints contact a physician.  
**Eyes contact:** No specific measure to be taken. If **irritation** occurs, flush eyes immediately with large amounts of water for at least 15 minutes and continue flushing until irritation subsides. If redness or irritation persists, in case of foreign body in eye, contact a physician.  
**Ingestion:** No specific information available.  
**Long term/delayed effects:** If overheated, may affect those with chronic diseases of respiratory system. Consult a doctor.

**SECTION 05: FIRE AND EXPLOSION HAZARD AND FIRE FIGHTING MEASURES**

**FLAMMABILITY:** Not easily flammable. (can flame higher than 3500C (660°F))  
**Suitable extinguishing media:** Use water spray, dry chemical, foam, CO<sub>2</sub>  
**Extinguishing-media not to be used:** No.  
**Special firefighting procedures:** No. Standard procedure for class A fires.

**Hazardous Combustion Products:**

When heated above the melting point; carbon monoxide, carbon dioxide, acrolein, ketones, aldehydes and other unidentified organic compounds can be formed. For flammable and toxic fumes as well as skin contact with molten materials see SECTION 10.

**Special exposure hazard:**

Large fires in confined areas; use NIOSH / MSHA approved self-contained breathing apparatus. Use water, fog, spray to cool exposed equipment & containers.

<b>SECTION 06:</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Not applicable.

<b>SECTION 07:</b>	<b>HANDLING AND STORAGE</b>
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**Before usage;** Store in a cool and dry place away from direct sunlight.

Shelf Life; Indefinitely product kept under proper conditions.

**After usage;** can be harmful according to the used area. Aware of used material (and dirt empty pack or containers) to be contact with food & skin or children & animal consumption.

<b>SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS</b>
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No specific equipment needed.

Permissible Exposure limits:

<u>Respirable Total Dust</u>	<u>Polyolefin MB</u>	<u>Color pigments</u>	<u>TiO2</u>
TWA (8 hour)	15 mg/m3	10 mg/m3	10 mg/m3
Short term (15 min.)	Not established	Not established	Not established

<b>SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	Available in different color and shape/dimension.
<b>Odor:</b>	No specific odor
<b>pH:</b>	Not applicable
<b>Boiling point:</b>	Not applicable
<b>Melting point:</b>	Approx. 160°C (320°F)
<b>Decomposition temperature:</b>	Greater than 300°C (570°F)
<b>Flash point:</b>	Not applicable
<b>Flammability:</b>	Not easily flammable
<b>Auto flammability:</b>	Auto ignition temperature: >350°C (>660°F)
<b>Explosive properties:</b>	Not applicable
<b>Oxidizing properties:</b>	Not applicable
<b>Vapor pressure:</b>	Not applicable
<b>Relative density:</b>	~0,9 (water=1)
<b>Solubility in water:</b>	Insoluble
<b>Solubility in fats:</b>	Insoluble
<b>Partition coefficient: n-octanol/water:</b>	Not applicable

<b>SECTION 10: STABILITY AND REACTIVITY</b>
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Stable under ordinary conditions of use and storage.

**Conditions to avoid;**

Under thermal decomposition conditions flammable and toxic fumes can be generated.

Above 300°C (570°F) may be released: toxic and flammable gases, carbon monoxide. The generation of cleavage and oxidation products is subject to fire conditions. Hazardous polymerization is not estimated.

Not burned residues and contaminated water after firefighting should be disposed of in compliance with official regulations. Use protective gloves for molten.

The product can react with strong oxidation agents, acids and basis.

**SECTION 11: TOXICOLOGICAL INFORMATION**

No toxic reaction known under normal conditions. **LD50 & LC50, Reproduction Toxicity, Teratogenicity, Mutagenicity, Synergistic Products, Sensitization to Product** is not available.

For Irritancy see **SECTION 4**.

**Carcinogenicity:** Not classifiable for IARC, NTP, EPA, ACGIH and OSHA. No listed ingredient for California Prop 65

**Note;** Under decomposition conditions, toxic fumes and contaminated water is expectable. See **SECTION 10**.

**SECTION 12: ECOLOGICAL CONSIDERATIONS**

For transportation, storage and regular use, no toxicological effect known.

**After usage;** according to usage area should be stored under proper conditions or recycled properly (**SECTION 13**).

**SECTION 13: DISPOSAL CONSIDERATIONS**

As nonhazardous solid waste, nonwovens can be disposed of, depending on local legislation, through;

Recycling: **Yes**

Landfill: **Yes**

Incineration: Otherwise manage in a RCRA permitted waste management facility. Dispose of in accordance with local, provincial & federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

No specific request. Not regulated by DOT, IMDG, IMO, ADR, RID, IATA, ICAO and TDG.

**SECTION 15: REGULATORY INFORMATION**

None of the ingredients known is classified/listed according to current Directive REACH-SVHC, 67/548/EEC and EU CLP Regulation No: 1272/2008 and CSA (by EU) or US regulations by; CERCLA (40 CFR 302.4), OSHA (29 CFR 1910.1200), SARA Title III (40 CFR 372), CAA, CWA, TSCA and State Right to Know Lists (US) is not applicable or available. In addition to those outlined in SECTION 02, this product contains no other hazardous chemicals according to California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). This product does not have FDA approval as a food additive either direct or indirect per 21 CFR. Therefore, it is not approved for use as articles or components of articles intended for repeated contact with food. This product has not been evaluated by USDA for use in packaging material in direct contact with meat or poultry food products prepared under federal inspection.

**SECTION 16: OTHER INFORMATION**

**DISCLAIMER:** Can-Ross believes the above information to be reliable. Handling of this product shall be restricted to qualified persons. Users must make their own tests when mixing this product with any other product or using it in any process which may alter its properties. Can-Ross assumes no responsibility whatsoever from any such usage.

**DATE OF LAST REVISION – FEBRUARY 1, 2016**