

MATERIAL SAFETY DATA SHEET

WIN MANUCO (USA)

QX-9

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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Product Name: QX-9

Chemical Family: Surfactant

Product Use: Multi-Purpose

Supplier: WIN MANUCO LTD

Address: 3465 Mainway
Unit # 1
Burlington, ON
L7M 1A9

Telephone: 888-203-6333

Emergency: IN CANADA: **CANUTEC: 613-996-6666**
IN U.S.A.: **CHEMTREC: 800-424-9300**

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SECTION 2 – COMPOSITION, INFORMATION ON INGREDIENTS

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<u>Ingredients</u>	<u>CAS #</u>	<u>Percent</u>	<u>ACGIH-TLV</u>	<u>Ld₅₀-LC₅₀</u>
Proprietary				

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SECTION 3 – HAZARDS IDENTIFICATION

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Emergency Overview: This product is an amber liquid. It may cause irritation to the eyes and skin. If ingested, it may cause vomiting, headache, and medical problems.

Potential Health Effects:

Eye: Contact with liquid may cause severe irritation.

Skin: Prolonged or repeated contact can cause irritation.

Ingestion: Causes diarrhea, nausea, vomiting, cramps, and gastrointestinal irritation.

Chronic Effects:

Skin: Prolonged or repeated exposure can cause drying, defatting, and dermatitis.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP, or ACGIH.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available

Synergistic Materials: Not available

Potential Environmental Effects: No data available

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SECTION 4 - FIRST AID MEASURES

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Eye: Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

Skin: Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.

Inhalation: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do Not Induce Vomiting. If patient is fully conscious, rinse mouth with water and drink 1 glass of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

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SECTION 5 - FIRE FIGHTING MEASURES

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Flammability: Not Flammable

Flash Point (°F, °C, PMCC): > 200, > 93.3

Autoignition Temperature (°F, °C): Not available

Flame Propagation or Burning Rate of Solid Materials: Not applicable

Sensitivity to Static Discharge: Not sensitive

Sensitivity to Mechanical Impact: Not sensitive

Extinguishing Media: Water fog, alcohol foam, and dry chemical.

Special Fire Fighting Procedures: Directing a solid stream of water into a hot burning liquid can cause frothing and spread the fire. Use self-contained breathing apparatus and body-covering protective clothing.

Unusual Fire and Explosion Hazards:

Hazardous Decomposition Products: Oxides of carbon, oxides of nitrogen, hydrogen chloride, and methyl chloride.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

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Leak and Spill Procedure: Evacuate area. Ventilate area. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal. Clean area as appropriate since some material, even in small quantities, may present a slip hazard. Final cleaning may require steam, solvents, or detergents. Observe all personal protection equipment recommendations.

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SECTION 7 – HANDLING AND STORAGE

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Storage Requirements: Keep Out Of Reach Of Children. Store in a cool, dry place away from incompatible materials..

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SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

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Engineering Controls: General ventilation usually adequate.

Respiratory protection: Not normally required if good ventilation is maintained.

Eye protection: use chemical safety glasses or full face shield.

Skin protection: use impervious (rubber, nitrile) gloves.

Other protective clothing or equipment: Eye Bath, Safety Shower, Full Protective Clothing.

Work Hygienic Practices: The usual precaution for the handling of chemicals must be observed.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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Appearance: Amber liquid
Specific Gravity @ 20 °C: 0.99 +/- 0.02 (8.2 lbs/gallon)
Vapor Pressure: < 0.1 mm Hg @ 20°C
Physical State: Liquid
Evaporation Rate: N/A
Cloud Point (1% distilled water): 78°C - 86°C
Surface Tension (0.1% static): 26.7 dynes/cm

Freezing/Melting Point: N/A
% Volatile (Wt %): N/A
Solubility In Water: Soluble
pH (as is): 6.0 – 9.0
Vapor Density: N/A
Pour Point: < -7.0°C
Activity, %: 88.0 – 92.0

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SECTION 10 – STABILITY AND REACTIVITY

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Stability: Stable
Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition Products: Oxides of carbon, hydrogen chloride, oxides of nitrogen, methyl chloride when heated.
Reactivity, and Under What Conditions: Not available.

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SECTION 11 - TOXICOLOGICAL INFORMATION

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There is no test data on this product. Based on the information on the ingredients (see section 2) this product may cause irritation to the eyes and skin upon contact.

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SECTION 12 – ECOLOGICAL INFORMATION

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Ecotoxicity: There is no test data on this product
Environmental Fate: There is no test data on this product

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SECTION 13 – DISPOSAL CONSIDERATIONS

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Review federal, provincial or state and local government requirements prior to disposal.

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SECTION 14 - TRANSPORT INFORMATION

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U.S. Department of Transportation: Not Regulated
Canadian T.D.G.: Not Regulated
Water Transportation (IMO): Not Regulated
Air Transportation (IATA): Not Regulated

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SECTION 15 - REGULATORY INFORMATION

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Occupational Health & Safety Regulations:

WHMIS Classification: Class D - Division 2B

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

Environmental Regulatory Lists:

SARA: Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of the ingredients are listed.

Toxic Substances Control Act (TSCA): All the ingredients are listed on the Chemical Substance Inventory

Canadian Domestic Substance List (DSL): All ingredients are listed.

INTERNATIONAL INVENTORY LISTINGS:

Components in this product are listed on the:

- U.S. TSCA Inventory
- Canadian Domestic Substances List (DSL)
- European EINECS Listing
- Australian AICS
- Korea – Existing Chemical Substances Directory
- Japan – Handbook of Existing and New Chemical Substances
- China – National Environmental Protection Directory

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SECTION 16 - OTHER INFORMATION

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WIN MANUCO LTD

Telephone: 888-203-6333

Date: December 19, 2011

Previous: March 30, 2009

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Disclaimer: As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. The user assumes all risk of use or handling whether or not in accordance with any directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against the seller being to require replacement or repair of defective goods.

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