

Date: April 2016

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Q7
Product Use: Turbid, liquid with fresh fragrance

Manufacturer/Supplier: Enerspec Mfg. Inc
 53 B1 Burnt Park Drive
 Red Deer Alberta
 T4P 0J7

Telephone: 403-348-5471
Fax: 403-348-5473

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	% By Weight	LD50 (species & route)	LC50 (species & route)
Proprietary	N/A	N/A	N/A	N/A

This product is a buffered and preserved aqueous solution containing surfactants, fragrance, and naturally-occurring viable bacterial cultures.

3. HAZARDS IDENTIFICATION

Emergency Overview:
Routes of Exposure:
Eye Contact: Moderate irritant.
Skin Contact: Moderate irritant.
Inhalation: May cause mild irritation to mucous membranes, nose and throat.
Ingestion: Ingestion of large amounts may cause vomiting and diarrhea.
Carcinogenicity:
Synergistic materials: Not available.
Potential
Environmental Effects: No data available.

4. FIRST AID MEASURES

Eye Contact: Immediately flush with gently flowing lukewarm water while holding eyelids open.
Skin Contact: Immediately flush with mild soap and water. Remove contaminated clothing and launder before reuse.
Inhalation: Move the exposed person to fresh air.
 Rinse mouth with copious quantities of water and then drink some water to dilute.
Ingestion:

5. FIRE FIGHTING MEASURES

Flammability:
Sensitivity to Static Discharge:
Sensitivity to Mechanical Impact:

Flash Point:
Auto-ignition Temp:

Extinguishing Media: Product does not support combustion. Use Foam, Carbon Dioxide, Dry chemical, or Water fog for surrounding fire.

Hazardous Decomposition Products:
Unusual Fire and Explosion Hazards: None
Flame Propagation or Burning Rate of Solid Materials:
Extinguishing Media:
Special Fire Fighting Procedures:

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear disposable gloves and eye protection.
Environmental Precautions: Do not allow large amounts of product to enter drains. Prevent further spillage, if safe.
Clean up Methods: For small releases, clean spillage area thoroughly with plenty of water and was residue to drain. For large releases, dispose in compliance with all federal, state, and/or local regulations.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Adopt good chemical hygiene practices when handling, carrying and dispensing.
Storage: Keep in a cool, dry, well-ventilated area. Keep containers tightly closed. Store the product in containers that are labelled correctly, and keep away from children, food items and drinking water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment

Eye Protection: Safety glasses or chemical goggles are recommended.
Skin Protection:
Hand Protection: As a precaution, wear chemical resistance gloves (PVC, neoprene or butyl).
Respiratory Protection: None is required when adequate ventilation is provided.
Engineering Controls: Ensure adequate ventilation of the working area.
Other Protective Clothing or Equipment: Wash all contaminated clothing before re-use.
Work Hygienic Practices: The usual precaution for the handling of chemicals must be observed.
Exposure Limits: None applicable to raw materials in this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:		Odour Threshold:	
Appearance:	Turbid, straw-colored liquid	Specific Gravity:	1.01 – 1.02
pH:	6.5 – 8.8	Solubility in Water:	Complete
Freezing Point:		Boiling Point:	210 deg. F

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Incompatibilities: Strong acids and alkalis, and strong oxidizing agents may react with product and de-nature stable enzymes and inactivate bacterial cultures.
Conditions to Avoid: Freezing temperatures or in excess of 120 deg. F.
Hazardous Polymerization: Will not occur.
Hazardous decomposition products: Possible oxides of carbon (CO, CO₂)

11. TOXICOLOGICAL INFORMATION

Oral lethal dose 50 (LD₅₀): No data available **Reproductive Effects:**

Synergistic Materials:

Teratogenicity:

Mutagenicity:

Acute eye irritant/corrosion test:

Carcinogenicity: IARC: NO NTP: NO OSHA: NO

Pathogenic Risk: Viable bacterial cultures are Class I and non-pathogenic.

12. ECOLOGICAL INFORMATION

Ecotoxicity: This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of according to all federal, state/provincial and local/municipal regulations

14. TRANSPORT INFORMATION

This product is classified as a non-hazardous liquid for transport.

15. REGULATORY INFORMATION

WHMIS Classification:

Preparation does not contain ingredients listed as dangerous substances in Annex 1 of the EEC directive 67/548.

16. OTHER INFORMATION

Prepared By: Enerspec, Regulatory Affairs
Health: 1
Flammability: 0
Physical Hazard: 0
Personal Protection: E

ADDITIONAL INFORMATION

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process.

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