

Safety Data Sheet

QX 9

Section 1. Product and Company Identification

Product name: **QX 9**

Other Means of Identification: Not Applicable

Recommended use: General Purpose Degreaser

Company Information: GP Chemicals Specialty Ltd. 65 Beckett Avenue
Holland Landing, ON. L9N 1R8

Telephone: (905)731-3622 Fax: (905)731-3707

Website: www.gpchemicals.ca

Emergency Telephone Number: 1-888-CAN-UTEC (226-8832)

Section 2. Hazards Identification

GHS Classification: Eye irritation: Category 2A.

GHS Label Elements



Hazard Pictograms:

Signal Word: **Warning**

Hazard Statements: Keep away from eyes. May cause serious eye irritation upon contact. Prolonged contact on skin may cause mild irritational displeasure.

Precautionary Statements

Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended

Response: IF SWALLOWED: Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. DO NOT induce vomiting unless directed to do so by a physician or poison control centre.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other Hazards: There is no additional information

Section 3. Composition/Information on Ingredients

Chemical Name	CAS#	Concentration (1% by Weight)
PPS	-	1 – 5
Varsene 100	64-02-8	1 – 5
DiSodium metasilicate	6834-92-0	1 - 5

Section 4. First Aid Measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin Contact: Remove contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Ingestion: Rinse mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Inhalation: Use proper respiratory protection, immediately move the exposed person to fresh air. Keep at rest and in a position comfortable for breathing. Give oxygen or artificial respiration if necessary. Seek immediate medical advice. Symptoms may be delayed

Most Important Symptoms/Effects, Acute and Delayed

Symptoms/injuries: May cause some discomfort if product is on skin. Different persons may react differently to prolonged contact on skin, some symptoms being irritation and or itch.

Symptoms /injuries after inhalation: Causes some respiratory irritation if inhaled. Symptoms may include: burning of nose and throat, constriction of airway, difficulty breathing, and shortness of breath, bronchial spasms, chest pain and pink frothy sputum. Contact may cause immediate severe irritation progressing quickly to chemical burns. May cause pulmonary edema. Symptoms may be delayed.

Symptoms/injuries after skin contact: may cause some mild irritations

Symptoms/injuries after eye contact: Burning of the eyes and some sever irritation. Can cause blindness.

Symptoms/injuries after ingestion: May cause irritation of the linings of the mouth, throat and gastrointestinal tract. Swallowing a small quantity of this material will result in some health hazard.

Chronic Symptoms: Repeated or prolonged inhalation may damage lungs. Prolonged and repeated contact will eventually cause permanent tissue damage and effects such as erosion of teeth, lesions on the skin, trachea-bronchitis, mouth inflammation, conjunctivitis and gastritis.

Section 5. Fire-Fighting Measures

Extinguishing Media: Product is not flammable. Use water spray, dry chemical, foam or carbon dioxide on fires involving this product. Use appropriate media for adjacent fire. Cool unopened containers with water.

Unsuitable extinguishing media: Do not get water inside containers. Do not apply water stream directly at source of leak. Do not use a heavy water stream. A direct water stream will cause violent splattering and generation of heat.

Specific Hazards During Fire-Fighting: Not flammable. Under conditions of fire this material has no known hazardous effects.

Explosion hazard: Product is not explosive.

See also Stability and Reactivity section

Fire-Fighter Special Protective Equipment: No special attention needed when combating a fire with this product present. Has minimal effect on a blaze.

Fire Fighter Special Precautions: Keep upwind. Use water spray or fog for cooling exposed containers. If water is added to concentrated acid, violent splattering can occur, and considerable heat may be generated. Cool non-leaking, fire exposed containers with water spray.

Protection during fire-fighting: Fire fighters must use full bunker gear including NIOSH approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8.

Methods and Materials for Containment and Cleaning Up

Small spill Stop leak if without risk. Move containers from spill area. Dilute with water and mop up of water-soluble. Alternatively, if water-insoluble, absorb with an inert dry material

and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill Stop leak if without risk. Move containers for spill area. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain or collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. See Section 13 for additional disposal information.

Environmental Precautions

Do not allow contact with soil, surface or ground water.

Section 7. Handling and Storage

Precautions for Safe Handling

Protective Measures: Put on appropriate personal protective equipment (see Section 8).

Advice on Safe Handling: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist. Use only with adequate ventilation. Wash hands thoroughly after handling. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures.

Conditions for Safe Storage: Store locked up. Store away from incompatible materials. Store in a cool dry, well-ventilated are. Keep container tightly closed. See Section 10 for incompatibles.

Section 8. Exposure Controls/Personal Protection

Components	CAS No:	Mg/m3	Ppm	Non-Standard Units	Basis
PPS	-	-	-	-	-
Varsene 100	64-02-8	2.0000	-	C	ACGIH
Disodium Metasilicate	6834-92-0	-	-	-	-

QX9

Engineering Controls:	Provide sufficient ventilation to keep vapours below the permissible exposure limit. Ensure adequate ventilation, especially in confined area. Packaging and unloading areas and open processing equipment may require mechanical exhaust systems. Corrosion proof construction recommended
Personal Protective Equipment:	Protective goggles. Face shield. Gas mask at concentration in the air. Protective clothing.
Hand Protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands thoroughly.
Respiratory Protection:	Use NIOSH approved supplied air respirator or self-contained breathing apparatus whenever exposure may exceed exposure limits.
Eye/Face Protections:	Splash proof chemical goggles. Face shield.
Other/Type	Eye wash station and safety shower should be located near the work station.

Section 9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Colour:	Clear, Colourless
Odour:	Odourless
Odour Threshold:	Not Determined
pH:	6 - 8
Melting Point/Freezing Point:	No data available
Initial Boiling Point/Boiling Range:	100°C
Flash Point (Closed Cup):	Do not sustain combustion
Evaporation Rate:	Not determined
Flammability (Solid, Gas):	Not Flammable
Vapour Pressure:	No data
Relative Density (Water=1):	N/A
Solubility in Water (% w/w):	Completely miscible
Partition Coefficient:	Not Determined
Auto-Ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Viscosity	N/A

Section 10. Stability and Reactivity

Reactivity: Stable under recommended use.

Chemical stability: Stable at standard temperature and pressure

Possibility of Hazardous Reactions No dangerous reaction known under conditions of normal use.
Hazardous polymerization will not occur.

Conditions to Avoid: Protect from moisture. Avoid high temperatures

Incompatible Materials: No known materials incompatible with compound

Hazardous Decomposition Products: No known decomposition products.

Section 11. Toxicological Information

Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion.

Acute Toxicity:

Skin	LD 50 – Rabbit – 4,567 mg/kg estimated
Eyes	Not Available
Respiratory	Not Available
Ingestion	LD50 – Rat -5000mg/kg estimated

Skin Corrosion/Irritation: Mild Irritation

Serious Eye Damage/Irritation: Causes serious eye irritation.

STOT (Specific Target Organ Toxicity) – Single Exposure: May cause damage to the following organs: kidneys, liver, blood, skin, eyes, bone marrow, heart, gastrointestinal tract, cardiovascular system, central nervous system.

Aspiration Hazard: Hazardous in case of ingestion and /or inhalation.

STOT – Repeated Exposure: May cause damage to the following organs: kidneys, liver, blood, skin, eyes, bone marrow, heart, gastrointestinal tract, cardiovascular system, central nervous system.

Respiratory and /or Skin Sensitization: May cause an allergic skin reaction. Hazardous in case of ingestion and/or inhalation.

QX9

Carcinogenicity: No components of this product present at levels greater than or equal to 0.1% is identified as probable possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA.

Reproductive Toxicity: Not Determined

Development of Offspring: Not Determined

Sexual Function and fertility: Not Determined

Effects on or via Lactation: Not Determined

Germ Cell: Not Determined

Mutagenicity: Not Determined

Interactive Effects: Not Determined

Section 12. Ecological Information

Bioaccumulative Potential: Not measures

Mobility in Soil: No data available

Ecotoxicity: EPA Ecological Toxicity rating.

Acute/Chronic Toxicity to Fish: Not Available

Acute/Chronic Toxicity to Aquatic Invertebrates: Not Data Available

Toxicity to Bacteria: Not available

Toxicity to Soil Dwelling Organisms: Not Available

Toxicity of Terrestrial Plants: Not Available

Environmental Fate:

Stability of Water: Not Available

Stability in Soil: Not Available

Transport and Distribution: Not Available

Degradation Products

Biodegradation: Product is biodegradable

Photodegradation: Not data available

Section 13. Disposal Considerations

Disposal Considerations:

Sewage disposal recommendations: Diluted product can be disposed of down the sewer. Dilution meaning 1 part product and 100 parts water.

QX9

Waste Disposal: Dispose of waste material in accordance with all local, regional, national and international regulations. Place in an appropriate container and dispose of the contaminated material at a licensed site. Handle contaminated package in the same way as the substance itself.

Section 14. Transport Information

The shipper/consignor/sender is responsible to ensure that the packaging, labeling and markings are in compliance with the selected mode of transport.

Land Transport: Not Regulated

Sea Transport: Not Regulated

Section 15. Regulatory Information

WHMIS Classification: Not Regulated

Section 16. Other Information

Prepared By: Regulatory Affairs Telephone: (905)731-3622 Date: December 18, 2017

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