

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	0
		Reactivity	0
		Personal Protection	b
Common / Trade name	Q88 TRAFFIC SPOTTER RTU	TDG	Class 8
WHMIS	D1A, D2B, E	PIN	UN1760 CORROSIVE LIQUID, N.O.S. (Disodium trioxosilicate)
Code	1391	PG	III
Material uses	Industrial applications: Traffic spotter.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Sodium metasilicate, anhydrous	6834-92-0	1-5	Not available.	ORAL (LD50): Acute: 600 mg/kg [Rat].
Ethylene glycol monobutyl ether	111-76-2	1-5	Not available.	ORAL (LD50): Acute: 1480 mg/kg [Rat]. 1230 mg/kg [Mouse]. 320 mg/kg [Rabbit]. DERMAL (LD50): Acute: 400 mg/kg [Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hour(s) [Rat]. 927 ppm 4 hour(s) [Mouse].

Section III. First Aid Measures

Eye contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention.
Skin contact	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention. NEVER give an unconscious person anything to ingest.

Section IV. Physical Data

Physical state and appearance	Opaque.Liquid.	Colour	Off-white.
pH (1% soln/water)	Basic.	Odour	Floral.
pH (concentrate)	12.4-13	Volatility	Not available.
Boiling point	100°C (212°F)	Vapour density	Weighted average: 1.07 (Air = 1)
Specific gravity	1.075 (Water = 1)	Vapour pressure	Weighted average: 2.87 kPa (at 20°C)
Solubility	Easily soluble in cold water, hot water, methanol. Partially soluble in diethyl ether. Very slightly soluble in n-octanol.		

Section V. Fire and Explosion Data

The product is	Non-flammable.
Auto-ignition temperature	Not applicable.
Flash points	Not applicable.
Degradation products	Not applicable.
Extinguishing media	Use DRY chemicals, CO2, water spray or foam.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	See fire degradation products.
Reactivity	Incompatible with oxidizing materials, acids.

Section VII. Toxicological properties

Route of entry	Eye contact. Ingestion. Inhalation. Skin contact.
Toxicity for animals	See section II
Acute effects	Corrosive to skin and eyes on contact. Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns.
Chronic	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL

effects EFFECTS: Not available. The substance is toxic to upper respiratory tract.

Section VIII. Preventive measure

Waste disposal Dispose of material according to regional, provincial and federal regulations. Consult your local or regional authorities.

Storage Store in a dry, cool and well ventilated area.

Precautions Do not breathe gas/fumes/ vapor/spray. Avoid contact with skin and eyes. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.

Spill and leak Absorb with an inert material and place in an appropriate waste disposal container. Dispose of according to all federal, state and local applicable regulations.

Section IX. Personal protective equipment

Gloves Gloves (impervious)

Respiratory Wear appropriate respirator when ventilation is inadequate.

Eyes Safety glasses.

Other Splash goggles, gloves, full suit and boots: are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

Eng. controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Section X. Preparation and other Information

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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Annex A. Legend

HMIS Hazardous Materials Identification System

WHMIS WHMIS Workplace Hazardous Materials Information System

TDG Transport Dangerous Goods

PIN Product Identification Number

PG Packaging Group
