

Section I. Product Identification and Uses

HMIS (HFRP)

Health Hazard 2  
Fire Hazard 0  
Reactivity 0  
Personal Protection b

Common / Trade name TRAK-5 Traffic Spotter 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)	12-13	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 effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL 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.

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**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.

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**Section X. Preparation and other Information**

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**EMERGENCY: CANUTEC 613-996-6666**

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 of 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.

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**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

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