

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	0
		Reactivity	0
		Personal Protection	b
Common / Trade name	ATOMIC ALL PURPOSE CLEANER	TDG	Not controlled under TDG (Canada).
WHMIS	D1B, D2A, D2B	PIN	Not applicable.
Code	0379	PG	Not applicable.
Material uses	Industrial applications: All purpose cleaner		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
Nonyl phenol ethoxylate	9016-45-9	1 - 5	Not available.	ORAL (LD50): Acute: 1310 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].
Sodium carbonate	497-19-8	1 - 5	Not available.	ORAL (LD50): Acute: 4090 mg/kg [Rat].
Alkyl dimethyl benzyl ammonium chloride (C12-16)	68424-85-1	0.1-1	Not available.	ORAL (LD50): Acute: 426 mg/kg [Rat]. 919 mg/kg [Mouse].
Nitritotriacetic acid, trisodium salt	5064-31-3	0.1 - 1.0	Not available.	ORAL (LD50): Acute: 1500 mg/kg [Rat.].
Methyl alcohol	67-56-1	0.1-1.0	Not available.	ORAL (LD50): Acute: 6200 mg/kg [Rat.]. DERMAL (LD50): Acute: 15800 mg/kg [Rabbit.].

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 to rest in a well ventilated area. If discomfort persists seek medical attention.
Ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

Section IV. Physical Data

Physical state and appearance	Liquid. (Clear.)	Colour	Yellow.
pH (1% soln/water)	Basic.	Odour	Lemon.
pH (concentrate)	10.7;11.2	Volatility	Not available.
Boiling point	Weighted average: 101.25°C (214.3°F)	Vapour density	Weighted average: 1.05 (Air = 1)
Specific gravity	1.05 to 1.06 (Water = 1)	Vapour pressure	Weighted average: 2.73 kPa (at 20°C)
Solubility	Miscible in water.		

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 acids oxidizing agents.

Section VII. Toxicological properties

Route of entry	Ingestion. Eye contact. Skin contact.
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Toxicity for animals See section II

Acute effects May irritate eyes and skin on contact (very slight risk of permeation). MAY BE HARMFUL IF SWALLOWED.

Chronic effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL EFFECTS: Not available. The substance is slightly irritating to upper respiratory tract. Repeated or prolonged contact with spray mist may produce chronic eye irritation and skin defatting.

Section VIII. Preventive measure

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

Storage Keep container in a cool, well-ventilated area. Do not store in food processing or food storage area.

Precautions Avoid contact with skin and eyes. Keep out of reach of children. Wear suitable gloves and eye/face protection. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as acids.

Spill and leak Absorb with an inert material and place in an appropriate waste disposal container.

Section IX. Personal protective equipment

Gloves Gloves (impervious)

Respiratory Not applicable.

Eyes Splash goggles.

Other Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Eng. controls No special ventilation requirements.

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
