

Section I. Product Identification and Uses

		HMIS (HFRP)	
		Health Hazard	2
		Fire Hazard	1
		Reactivity	0
		Personal Protection b	
Common / Trade name	TIGER Oven Cleaner Aerosol	TDG	CLASS 2.2, (8)
WHMIS	A, D1A, D2A, D2B, E	PIN	UN 1950 AEROSOLS, non-flammable, containing substances in class 8 PG II
Code	1015	PG	II
Material uses	Other non specified industry: Oven cleaner.		

Section II. Hazardous Ingredients

Name	CAS #	% by weight	TLV/PEL	LC50/LD50
2-Butoxyethanol	111-76-2	3-7	ACGIH TLV TWA: 20 ppm EU OEL Skin VME: 25 ppm	ORAL (LD50): Acute: 530 - 2616 mg/kg [Rat].
Diethylene glycol monobutyl ether	112-34-5	1-5	TWA (8 hours): 100 ppm.	ORAL (LD50): Acute: 6560 mg/kg [Rat].
Sodium Hydroxide	1310-73-2	1-5	STEL: 2 mg/m^H3^ ⁿ	DERMAL (LD50): Acute: 1350 mg/kg [Rabbit].
Isobutane	75-28-5	5-10	ACGIH TLV TWA: 1000 ppm	VAPOR (LC50): Acute: 142500 ppm (4h) [Rat]

Section III. First Aid Measures

Eye contact	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Get medical attention if irritation occurs.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Get medical attention immediately.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Ingestion	Since the product is an aerosol and that it is mostly probable that it will be inhaled more than ingested, please consider first to look at the preventive measures in case of inhalation.

Section IV. Physical Data

Physical state and apperance	Aerosol	Colour	Beige.
pH (1% soln/water)	Not determined.	Odour	Mild.
pH (concentrate)	13-14	Volatility	Not determined.
Boiling point	Lowest known value is 100C based on water.	Vapour density	Not available.
Specific gravity	Liquid.1.02 to 1.06 (Water = 1)	Vapour pressure	35 - 45 PSIG @ 20 C
Solubility	Soluble in water.		

Section V. Fire and Explosion Data

The product is	Non-flammable (as per canadian aerosol regulations)
Auto-ignition temperature	204-245°C
Flash points	Lowest known value is ethylene glycol monobutyl ether at 60°C (140°F)
Degradation products	Hydrocarbon fumes and smoke. Carbon monoxide where combustion is incomplete.
Extinguishing media	Use extinguishing media suitable for surrounding materials.

Section VI. Reactivity data

Stability	The product is stable.
Decomp. products	Not applicable
Reactivity	Reactive with strong oxidizing agents.

Section VII. Toxicological properties

Route of entry Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity for animals See section II

Acute effects Causes eye and skin burns. Inhalation of the spray is corrosive for the respiratory tract, characterized by coughing, choking, or shortness of breath. Sodium hydroxide is corrosive. 2- Butoxyethanol is harmful by inhalation, in contact with skin and if swallowed. 2-Butoxyethanol is readily absorbed through the skin and will cause harmful effect on the blood. Irritating to eyes and skin. Isobutane (propellant) is a simple asphyxiant.

Chronic effects CARCINOGENIC EFFECTS :No ingredient in this product is currently listed as carcinogens by IARC, NTP or OSHA. MUTAGENIC EFFECTS: Classified None. for human [2-Butoxyethanol]. TERATOGENIC EFFECTS: Classified None. for human [2-Butoxyethanol]. Repeated or prolonged exposure to the substance (2-Butoxyethanol) can produce blood and liver damage, based on animal evidence .

Section VIII. Preventive measure

Waste disposal Recycle, if possible. Consult your local or regional authorities.

Storage Keep away from heat, sparks and flame.Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

Precautions Avoid contact with eyes, skin and clothing.Do not breathe gas/fumes/ vapor/spray.Wear suitable gloves and eye/face protection.

Spill and leak Keep away from heat, sparks, open flame, or any other ignition source. Absorb with an inert material and place in an appropriate waste disposal container.

Section IX. Personal protective equipment

Gloves Butyl rubber or Viton gloves.

Respiratory If used indoors on a continuous basis, use of a cartridge type respirator (NIOSH/MSHATC 23C or equivalent). In case of insufficient ventilation, wear suitable respiratory equipment.

Eyes Safety glasses.

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

Eng. controls Ventilation is normally required when handling or using this product.

Section X. Preparation and other Information

Validated by the Regulatory Affairs Department on 19 Apr. 2016

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.

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
