

MATERIAL SAFETY DATA SHEET

Flammability	Reactivity
Health	Personal Protection

SECTION I - MATERIAL IDENTIFICATION AND USE

Material Name	Odorex (4040)	Supplier's Name	Quality Cleaning Supplies and Services 2000 Inc.
Manufacturer	Crown Chemical Products Inc.	Supplier's Address	6435 Dixie Road, Unit #3 Mississauga, Ont. L5T 1X4
Street Address	6125 Netherhart Road Mississauga, Ontario L5T 1G5		
Emergency Tel.	(905) 564-0904	Chemical Family	
Chemical Name		Material Use	Deodorizing/sanitizing chemical
Molecular Weight			

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U. N. Numbers	Exposure Limits	LD ₅₀ /LC ₅₀ Specify Species and Route
Isopropanol	40-70	6 7-6 3-0	TLV 100% 400ppm TWA (ACGIH 93-94)	LD ₅₀ 4720Mg (ORAL, RAT) LC ₅₀ 50ppm 12000 8 Hours (RAT)

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State	Liquid	Odour and Appearance	Peppermint, green colour.
Specific Gravity	0.85 @ 20C	Evaporation Rate	N/AV
Freezing Point (°C)	-30	Solubility in Water (20°C)	Completely
pH	6.5-7.0	% Volatile (by volume)	N/AV
Density (g/ml)	.85	Coefficient of Water/Oil Distribution	N/AV

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability (If yes, under which conditions:) Yes, high temperature, sparks, open flames.

Means of Extinction Alcohol foam, CO₂, dry chemical, water spray, fog.

Special Procedures Don't use water stream; hazardous gas is produced. Wear self contained breathing equipment.

Flashpoint (°C) and Method	14 TCC	UEL (% By Vol.)	12.0	LEL (% By Vol.)	2.0
Auto Ignition Temp. (°C)	399	TDG Flammability Classification	Class 3.2, Pkg Gr.II		

Hazardous Combustion Products CO, CO₂

Explosion Data - Sensitivity to Chemical Impact	N/AV	Rate of Burning	N/AV
Explosive Power	N/AV	Sensitivity to Static Discharge	N/AV

SECTION V - REACTIVITY DATA

Chemical Stability Yes.

Incompatibility to Other Substances Yes, strong oxidizing material.

Reactivity and Under What Conditions? Flammable under fire conditions avoid strong oxidizers. May react with aluminum at high temperatures.

Hazardous Decomposition Products CO, CO₂

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SECTION VI - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route Of Entry Skin Contact Skin Absorption Eye Contact Inhalation Acute Inhalation Chronic Ingestion

Effects Of Acute Mist may irritate throat, when spraying. Also irritates eyes and skin. Ingestion causes flushing, headache, vomiting, and dizziness.

Exposure To Product

Effects Of Chronic Liquid is severe eye irritant which may cause permanent eye damage.

Exposure To Product

Irritancy Of Product N/AV

Exposure Limits Of Product Inhaled - Irritates eye, nose, throat.

Sensitization To Product N/AV

Synergistic Materials None known

Carcinogenicity Reproductive Effects Teratogenicity Mutagenicity

Not listed by N.T.R. or OSHA.

SECTION VII - PREVENTIVE MEASURES

Personal Protective Equipment

Gloves Rubber

Respiratory Organic vapour cartridge

Eye Chemical goggles

Footwear Rubber boots

Clothing Apron

Other

Engineering Controls

Leak And Spill Procedure Flush with water to dilute. Remove to garbage container. Absorb small spills with paper.

Waste Disposal Dispose in accordance with local, provincial, and federal by-laws.

Handling Procedures And Equipment Ground and bond equipment to prevent static charge, use spark resistant tools.

Storage Requirements Store in cool, well ventilated area. Eliminate source of ignition. Keep container tightly closed.

Special Shipping Information

SECTION VIII - FIRST AID MEASURES

Skin Wash with mild soap and water.

Eye Flush with water and obtain medical attention if necessary.

Inhalation Move to fresh air, obtain medical attention if necessary.

Ingestion Give 1-2 glasses of water. Do not induce vomiting. Obtain medical advice immediately.

General Advise Extreme care must be taken to avoid aspiration of product into lungs, which may result in pulmonary edema.

SECTION IX - PREPARATION DATE OF M.S.D.S.

Additional Information/Comments The information herein is given in good faith but no warranty, expressed or implied, is made.

Sources Used

Prepared By: Crown Chemical Products Inc. Phone Number (905) 564-0904 Date May 20, 2009