



## Hunnisett Chemicals Ltd.

211 Westcreek Dr., Woodbridge, Ont., L4L 9T7 416-421-5212 (800) 268-6093

# MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Degree of hazard: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

Health 0

Flammability 0

Reactivity 0

## SECTION I: PRODUCT IDENTIFICATION

**PRODUCT NAME:** DFC Restroom Cleaner (DFC 5)

**DATE REVIEWED:** Jan 31, 2015

**EMERGENCY 24-HOUR TELEPHONE #** 1-613-996-6666 (CANUTEC)

N/D = Not determined.

N/A = Not applicable or Not available.

## SECTION II: COMPOSITION/ INFORMATION ON INGREDIENTS

This product has not been tested as a whole for health effects on animals or humans. According to the OSHA Hazardous Communications Standard (29 CFR 1910.1200) any hazardous ingredients that comprise >1.0% of the material and any carcinogenic ingredients that comprise >0.1% must be listed on the MSDS. When individually tested at 100% ingredients in the make-up of this product posed the following health hazards.

### SECTION II a: HAZARDOUS INGREDIENTS >1.0%

Chemical Name	CAS #	OSHA PEL	ACGIH TLV	Percentage
2-Hydroxypropanoic Acid	79-33-4	N/A	N/A	5 - 10%

### SECTION II b: CARCINOGENIC INGREDIENTS AT >0.1%

None.

## SECTION III: HAZARDS IDENTIFICATION

EYES: May cause eye irritation.

SKIN: None expected if used as directed.

INHALATION: None expected if used as directed.

INGESTION: May cause abdominal discomfort, nausea and diarrhea

## SECTION IV: FIRST AID PROCEDURES

EYES: Remove contacts. Flush with water for at least 15 minutes. If irritation persists consult physician.

INGESTION: Drink 1 to 2 glasses of water. If discomfort persists, consult physician.

INHALED: Remove to fresh air. If symptoms persist or are severe seek prompt medical assistance.

SKIN: Remove contaminated clothing. Thoroughly wash exposed area with soap and water.

PHYSICIAN: Treatment based on judgment of attending physician.

## SECTION V: FIRE AND EXPLOSION DATA

FLASH POINT: N/A

AUTO-IGNITION TEMPERATURE: N/D

EXPLOSIVE LIMITS - UEL: N/D LEL: N/D

EXTINGUISHING MEDIA: Alcohol foam, water fog, CO<sub>2</sub> or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive pressure breathing apparatus and protective clothing where this material is involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARD: None known.

## SECTION VI: ACCIDENTAL RELEASE MEASURES

Scoop up spilled material and re-use if possible. If material cannot be used dispose in landfill.

## SECTION VII: HANDLING AND STORAGE

## SECTION VIII: PROTECTION MEASURES

VENTILATION: Local exhaust or dilution ventilation is necessary in poorly ventilated areas.

GLOVES: Not required.

RESPIRATORY: Not required

EYE: Safety glasses.

OTHER PROTECTIVE EQUIPMENT: Not required.

## SECTION IX: PHYSICAL/CHEMICAL DATA

APPEARANCE AND ODOR: Clear blue liquid with no fragrance added. WATER SOLUBILITY, % BY WT: Complete

% VOLATILE BY WT.: ≈95

pH(as supplied): 3.5-4.0

## SECTION X: REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Strong Acids

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Possibly oxides of carbon.

## SECTION XI: TOXICOLOGICAL INFORMATION OF INGREDIENTS

2-Hydroxy Propanoic Acid: LD50 oral rat: 3730 mg/kg. LD50 dermal rabbit: >2000 mg/kg.

## SECTION XII: ECOLOGICAL INFORMATION

Biodegradability:

Not done.

## SECTION XIII: SPILL, LEAK AND DISPOSAL PROCEDURES

WASTE DISPOSAL: In accordance with Federal, state and local regulations.

NEUTRALIZING CHEMICALS: Water.

## SECTION XIV: TRANSPORT INFORMATION PER 49 CFR 172.101

**GROUND TRANSPORTATION:** None required. **AIR TRANSPORTATION:** None required. **MARITIME TRANSPORTATION:**

None required.

## SECTION XV: REGULATORY INFORMATION

### Domestic:

TSCA: All ingredients are listed on the TSCA chemical substance inventory.

SARA Section 313 Ingredients: None.

California Prop 65 Ingredients: None.

VOC Content: <0.05%.

**Canadian: Not WHMIS regulated**

## SECTION XVI: OTHER INFORMATION

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

### **DISCLAIMER OF LIABILITY**

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.