

## Product Information



MAINTENANCE LIMITED

P.O.Box 3000, Peterborough, Ontario Canada K9J 8N4

Telephone (705) 745-5763 1-800-461-7695

**Product Name:** Swish Clean & Green™ Spray & Wipe Concentrate

**Product Use:** General Purpose Cleaner

**Emergency Tel:** Canutec (613) 996-6666

## Hazardous Ingredients

### Ingredients

Sodium carbonate

NA = Not Available

### CAS#

497-19-8

### WT%

1-5

### ACGIH-TLV

NA

## HMIS Hazard Rating

HEALTH	1	0 – Insignificant
FLAMMABILITY	0	1 – Slight
REACTIVITY	0	2 – Moderate
PERSONAL PROTECTION	B	3 – High
		4 – Extreme

(65321)

NE = Not Established

### LD<sub>50</sub>

4,090 mg/kg (Oral, Rat)

### LC<sub>50</sub>

NA

## Physical Data

**Appearance and odour:** Colourless, mild.

**Vapour pressure (mm Hg):** NE

**Vapour density (Air=1):** NE

**Solubility in water (20°C):** Soluble

**Physical state:** Liquid

**Boiling point (°C):** 100

**Freezing point (°C):** 0

**Specific gravity (Water=1):** 1.040

**% Volatile (Wt %):** >87

**Evaporation rate (Water=1):** NE

**pH (as supplied):** 11.30

**Odour threshold (ppm):** NE

**Coefficient of water/oil distribution:** NE

**Viscosity:** Water thin.

## Fire and Explosion Data

**Flammability:** Not flammable

**Flashpoint (°C, TCC):** None

**LEL:** NE **UEL:** NE

**Hazardous combustion products:** May include and are not limited to oxides of carbon and nitrogen.

**Means of extinction:** Dry chemical, carbon dioxide, alcohol foam.

**Special fire hazards:** Firefighters should wear self-contained breathing apparatus.

**Explosion Data – sensitivity to mechanical impact:** None.

**Explosion Data – sensitivity to static discharge:** None.

## Reactivity Data

**Conditions for chemical instability:** Stable

**Incompatible materials:** Strong oxidizing agents.

**Conditions of reactivity:** NE

**Hazardous decomposition products:** May include and are not limited to oxides of carbon and nitrogen when heated to decomposition.

## First Aid

**Eye:** Flush eyes with large amount of water for 15 minutes while holding eyelids open. If irritation occurs or persists, seek medical attention.

**Skin:** Wash skin with soap and water. If irritation develops, seek medical attention. Completely clean clothing, shoes and leather goods before reuse or discard.

**Inhalation:** If affected, remove to fresh air immediately. If symptoms persist, seek medical attention.

**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a doctor. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

## Preventive Measures

**Gloves:** No special requirements under normal use conditions. Rubber gloves may be advisable to those with sensitive skin.

**Eye Protection:** No special requirements under normal use conditions.

**Respiratory Protection:** Not normally required if good ventilation is maintained.

**Other Protective Equipment:** No special requirements under normal use conditions.

**Engineering Control:** No special ventilation requirements. General room ventilation is adequate.

**Leak and spill procedure:** Before attempting clean up, consult MSDS. Small spills may be absorbed with non-reactive material absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Consult emergency services and supplier for advice.

**Waste disposal:** Review or contact local, provincial and federal authorities for disposal methods.

**Storage & handling requirements:** KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Keep in a closed, labeled container. Store in a cool, dry, well-ventilated area away from incompatible materials.

**Special shipping information:** Do not freeze.

## Toxicological Information

**Route of Entry:** Eye, Skin Contact, Inhalation, Ingestion

**Effects of Acute Exposure:**

**Eye contact:** May cause mild irritation.

**Skin contact:** May cause mild irritation to those with sensitive skin.

**Skin absorption:** NE

**Inhalation:** No hazards under normal conditions of use. Prolonged exposure may cause nose, throat and respiratory tract irritation.

**Ingestion:** Low toxicity. May cause stomach distress, nausea or vomiting.

**Effects of Chronic Exposure:**

**Skin:** Prolonged or repeated exposure may cause skin drying, defatting and dermatitis.

**Irritancy:** Non-hazardous.

**Sensitization to product:** None known.

**Carcinogenicity:** None known.

**Teratogenicity, Mutagenicity, Reproductive effects:** NE

**Toxicological synergistic products:** NA

## Regulatory Information

**TDG Pin/Class:** Not regulated under TDG.

**Health Canada:** Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

**SARA Title III:** NE.

## Preparation Information

**Prepared By:** Charlotte Products Technical Services

**Date:** May 16, 2014

**Tel:** (705) 740-2880