

Product Information

Swish

MAINTENANCE LIMITED
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MATERIAL SAFETY DATA SHEET

HMIS Hazard Rating

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



Product Name: Food Service 3000

(3006)

Product Use: Alkaline Cleaner

Emergency Tel: Canutec (613) 996-6666

Hazardous Ingredients

NA = Not Available

NE = Not Established

| Ingredients | CAS# | WT% | ACGIH-TLV | LD ₅₀ | LC ₅₀ |
|---------------------|-----------|-----|--------------------------|-------------------------|------------------|
| Potassium hydroxide | 1310-58-3 | 3-7 | 2 mg/m ³ TLV | 365 mg/kg (Oral, Rat) | NA |
| Sodium metasilicate | 6834-92-0 | 3-7 | 10 mg/m ³ TWA | 1,153 mg/kg (Oral, Rat) | NA |

Physical Data

Appearance and odour: Colourless liquid; mild.

Vapour pressure (mm Hg): NE

Vapour density (Air=1): NE

Solubility in water (20°C): Complete

Physical state: Liquid

Boiling point (°C): NE

Freezing point (°C): NE

Specific gravity (Water=1): 1.130

% Volatile (Wt %): 73

Evaporation rate (Water=1): NE

pH (as supplied): 13.50

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 phosphorus.

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: NE

Explosion Data – sensitivity to static discharge: NE

Reactivity Data

Conditions for chemical instability: Stable

Incompatible materials: Strong oxidizing agents, strong acids and aluminum and magnesium.

Conditions of reactivity: NE

Hazardous decomposition products: May include and are not limited to oxides of carbon and phosphorus 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: Rubber gloves may be advisable if repeated/prolonged contact may occur or for those with sensitive skin.

Eye protection: Use safety glasses when direct contact may occur.

Respiratory protection: Not normally required if good ventilation is maintained.

Other protective equipment: As required by employer code.

Engineering control: General ventilation normally 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. 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 severe irritation or chemical burns.

Skin contact: May cause severe irritation or chemical burns.

Skin absorption: NE

Inhalation: May cause respiratory tract irritation and coughing, headache.

Ingestion: May cause chemical burns to mouth, throat and stomach.

Effects of Chronic Exposure:

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

Irritancy: Hazardous by WHMIS criteria.

Sensitization to product: None known.

Carcinogenicity: None known.

Teratogenicity, Mutagenicity, Reproductive effects: NE

Toxicological synergistic products: NA

Regulatory Information

TDG Pin/Class: Corrosive Liquids, N.O.S.

Class 8 UN 1760 PG III

WHMIS Class: E

SARA Title III: NE

Preparation Information

Prepared By: Charlotte Products Technical Services

Date: May 16, 2014 **Tel:** (705) 740-2880