

## Product Information

# Swish

MAINTENANCE LIMITED  
P.O.Box 3000, Peterborough, Ontario Canada K9J 8N4  
Telephone (705) 745-5763 1-800-461-7695

**Product Name:** Facto PM23

**Product Use:** Industrial Cleaner

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

## Hazardous Ingredients

### Ingredients

Potassium hydroxide  
Alcohol ethoxylate  
Propylene glycol

NA = Not Available

| CAS#       | WT%  |
|------------|------|
| 1310-58-3  | 7-13 |
| 68439-46-3 | 1-5  |
| 57-55-6    | 1-5  |

### ACGIH-TLV

2 mg/m<sup>3</sup> TLV  
NA  
NA

## HMIS Hazard Rating

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



(5823)

NE = Not Established

| LD <sub>50</sub>         | LC <sub>50</sub> |
|--------------------------|------------------|
| 365 mg/kg (Oral, Rat)    | NA               |
| 1,378 mg/kg (Oral, Rat)  | NA               |
| 18,300 mg/kg (Oral, Rat) | NA               |

## Physical Data

**Appearance and odour:** Orange; mild.  
**Vapour pressure (mm Hg):** NE  
**Vapour density (Air=1):** NE  
**Solubility in water (20°C):** Soluble  
**Physical state:** Liquid  
**Boiling point (°C):** NE  
**Freezing point (°C):** NE  
**Specific gravity (Water=1):** 1.121  
**% Volatile (Wt %):** 79  
**Evaporation rate (Water=1):** NE  
**pH (as supplied):** 13.80  
**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.  
**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, soft metals and strong acids.  
**Conditions of reactivity:** NE  
**Hazardous decomposition products:** May include and are not limited to oxides of carbon 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:** Neoprene or rubber. Confirm with a reputable supplier first.  
**Eye protection:** Safety glasses or chemical goggles.  
**Respiratory protection:** Not normally required if good ventilation is maintained. If mist is generated during application process, use disposable mist respirator.  
**Other protective equipment:** Rubber boots if spilled.  
**Engineering control:** General ventilation normally adequate. Local exhaust for mists or fumes.  
**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:** May cause chemical burns, severe corneal damage and permanent loss of vision.  
**Skin:** May cause chemical burns. Skin contact with product may not cause immediate pain.  
**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. (Potassium Hydroxide)  
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