

## Product Information

# Swish

MAINTENANCE LIMITED  
P.O.Box 3000, Peterborough, Ontario Canada K9J 8N4  
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**Product Name:** Facto AT32

**Product Use:** Transportation Care

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

## Hazardous Ingredients

### Ingredients

Alcohol ethoxylate  
Tetrasodium ethylenediaminetetraacetate  
Triethanolamine

## NA = Not Available

CAS#	WT%
68439-46-3	7-13
64-02-8	1-5
102-71-6	1-5

### ACGIH-TLV

NA  
NA  
5 mg/m<sup>3</sup> TWA

## HMIS Hazard Rating

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



(5832)

## NE = Not Established

LD <sub>50</sub>	LC <sub>50</sub>
1,378 mg/kg (Oral, Rat)	NA
1,658 mg/kg (Oral, Rat)	NA
4,920 mg/kg (Oral, Rat)	NA

## Physical Data

**Appearance and odour:** Red; 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):** 1.025  
**% Volatile (Wt %):** 81  
**Evaporation rate (Water=1):** NE  
**pH (as supplied):** 10.40  
**Odour threshold (ppm):** NE  
**Coefficient of water/oil distribution:** NE  
**Viscosity:** Slightly viscous.

## 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:** NE  
**Explosion Data – sensitivity to static discharge:** NE

## 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:** PVC, latex, polyethylene or rubber. Confirm with a reputable supplier first.  
**Eye protection:** Safety glasses.  
**Respiratory protection:** Not normally required if good ventilation is maintained.  
**Other protective equipment:** As required by employer code.  
**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 contact:** May cause irritation.  
**Skin contact:** May cause irritation or redness.  
**Skin absorption:** NE  
**Inhalation:** May cause respiratory tract irritation and coughing, headache.  
**Ingestion:** May cause stomach distress, nausea or vomiting.  
**Effects of Chronic Exposure:**  
**Skin:** Prolonged exposure may cause skin drying, defatting and dermatitis.  
**Irritancy:** Non-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:** Not regulated under TDG.  
**WHMIS Class:** D2B  
**SARA Title III:** NE

## Preparation Information

**Prepared By:** Charlotte Products Technical Services  
**Date:** May 16, 2014 **Tel:** (705) 740-2880