Product Information

MATERIAL SAFETY DATA SHEET



MAINTENANCE LIMITED

Hozardous Ingradients

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

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

Product Name: Facto HD40
Product Use: Industrial Cleaner

Emergency Tel: Canutec (613) 996-6666

NA = Not Available

(5840)

HMIS Hazard Rating

Tilvilo Hazara Rating					
HEALTH	3	0 – Insignificant			
FLAMMABILITY	0	1 – Slight			
REACTIVITY	0	2 – Moderate 3 – High			
PERSONAL PROTECTION	В	4 – Extreme			



NE = Not Established

<u>Hazaruous mgreulents</u>	INA - Not Available			NE - Not Established	
<u>Ingredients</u>	CAS#	WT%	ACGIH-TLV	$\underline{\mathrm{LD}}_{50}$	$\underline{LC_{50}}$
Alcohol ethoxylate	68439-46-3	3-7	NA	1,378 mg/kg (Oral, Rat)	NA
Tetrasodium ethylenediaminetetraacetate	64-02-8	3-7	NA	1,658 mg/kg (Oral, Rat)	NA
Sodium metasilicate	6834-92-0	1-5	NA	1,153 mg/kg (Oral, Rat)	NA
Sodium carbonate	497-19-8	1-5	NA	4,090 mg/kg (Oral, Rat)	$2.3 \text{ mg/L}^3 2 \text{ hrs. Rat}$
d-Limonene	5989-27-5	1-5	NA	4440 mg/kg (Oral, Rat)	NA
Alkyldimethylbenzyl ammonium chloride	68424-85-1	1-5	NA	404 mg/kg (Oral, Rat)	NA

Physical Data

Appearance and odour: Orange; citrus. 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 %): 87 VOC (g/L): 31

Evaporation rate (Water=1): NE pH (as supplied): 12.40

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: NE

Explosion Data – sensitivity to static

discharge: NE

Reactivity Data

Conditions for chemical instability: Stable Incompatible materials: Strong oxidizing agents and strong acids.

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: 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: 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 severe irritation or chemical burns.

Skin Contact: May cause severe irritation or chemical burns. Contains a potential skin sensitizer (d-limonene).

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. (Sodium Metasilicate)

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

Disclaimer: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of this supplier, it is assumed that users of this material have been fully trained accordingly to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form. If user independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8466) or CCST in Montreal, Quebec (514-873-3990).