## MATERIAL SAFETY DATA SHEET



MAINTENANCE LIMITED

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

**Product Name:** Liberty No Scrub Stripper

**Product Use:** Floor Care

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

# **Hazardous Ingredients**

Ingredients	CAS#	WT%	ACGIH-TLV	$\underline{\text{LD}}_{50}$	<u>LC</u> <sub>50</sub>
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5	NA	1,658 mg/kg (Oral, Rat)	NA
Monoethanolamine	141-43-5	10-30	3 ppm TWA	1,720 mg/kg (Oral, Rat)	NA
Propylene glycol	57-55-6	1-5	NA	18,300 mg/kg (Oral, Rat)	NA
Ethylene glycol monobutyl ether	111-76-2	10-30	25 ppm skin	400 mg/kg (Oral, Rat)	926 ppm 4 hr Rat

#### **Physical Data**

Appearance and odour: Yellow; low odour.

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): 1.010 % Volatile (Wt %): 98

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 ammonia, HCN, 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, strong acids and aluminum.
Conditions of reactivity: NE

NA = Not Available

**Hazardous decomposition products:** May include and are not limited to ammonia, HCN, and 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**

(4007)

Gloves: Butyl, rubber, PVC. Confirm wit a reputable supplier first.

**HEALTH** 

**FLAMMABILITY** 

PERSONAL

**PROTECTION** 

Eye protection: Safety glasses.

Respiratory protection: Not normally required if good ventilation is maintained and exposure guidelines are not exceeded.

Other protective equipment: As required by employer code.

**Engineering control:** General ventilation normally adequate. Local exhaust for dust, 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.

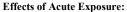
Waste disposal: Review or contact local, provincial and federal authorities for disposal methods.

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, Skin Absorption, Inhalation, Ingestion



0 – Insignificant1 – Slight

2 – Moderate

4 - Extreme

3 – High

HMIS Hazard Rating

0

0

В

NE = Not Established

Eye: May cause irritation or chemical burns. Skin: May cause irritation or chemical burns. Skin absorption: Can be absorbed through skin and be harmful.

**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 exposure may cause skin defatting and dermatitis. Can be absorbed through skin in toxic amounts if contact is repeated and prolonged.

**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 Liquid, Basic, Organic, N.O.S. (Monoethanolamine); Class 8 UN 3267 PG III

WHMIS Class: E, D1B
SARA Title III: NE

### **Preparation Information**

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