

Product Information



MAINTENANCE LIMITED
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MATERIAL SAFETY DATA SHEET

HMIS Hazard Rating

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

Product Name: Swish Clean & Green® Heavy Duty Degreaser (65306)

Product Use: Degreaser

Emergency Tel: Canutec (613) 996-6666

Hazardous Ingredients

NA = Not Available

NE = Not Established

Ingredients	CAS#	WT%	ACGIH-TLV	LD ₅₀	LC ₅₀
Sodium tetraborate pentahydrate	12179-04-3	1-5	2 mg/m ³ TWA	2,660 mg/kg (Oral, Rat)	NA
Sodium silicate	1344-09-8	1-5	Not applicable	>1,500 mg/kg (Oral, Rat)	NA

Physical Data

Appearance and odour: Pale straw, bland.
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): 1.045
% Volatile (Wt %): 90
Evaporation rate (Water=1): NE
pH (as supplied): 11.40
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: NA.
Explosion Data – sensitivity to static discharge: NA.

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: No special requirements under normal use conditions. Rubber gloves may be advisable to those with sensitive skin.
Eye Protection: No special requirements under normal use conditions.
Respiratory Protection: Not normally required if good ventilation is maintained.
Other Protective Equipment: No special requirements under normal use conditions.
Engineering Control: No special ventilation requirements. General room ventilation is 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. Avoid contact with eyes. 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 mild irritation.
Skin contact: May cause mild irritation.
Skin absorption: NE
Inhalation: No hazards under normal conditions of use. Prolonged exposure may cause nose, throat and respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.
Effects of Chronic Exposure:
Skin: Prolonged or repeated 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.
Health Canada: Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.
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).