

MATERIAL HEALTH & SAFETY DATA SHEET

(Key: > = Greater than; < = Less than)

SECTION 1 - MATERIAL IDENTIFICATION & USE

Material Name: **PURPLE POWER CLEANING CONCENTRATE - Code 235, 236, 237**

Supplier: *Captain* PHAB Ltd.

Address: 613 Neal Drive
Peterborough, Ontario.
K9J 6X7

Emergency Telephone #: 705 748-0436

Chemical Name: Molecular Weight:

Chemical Family: Trade Name/Synonyms:

Chemical Formula: Material Use: Dilutable multi-purpose cleaner.

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIAL

Hazardous Ingredients	Approximate Concentration %	C.A.S.N.A. or U.N. Numbers	"Exposure Limits"	LD50 / LC50	
				Specify Species & Route	
				<u>RAT ORAL</u>	<u>RABBIT ORAL</u>
Sodium Metasilicate	5-10	6834-92-0		800 mg/kg	No Data
Lauryl Amine Oxide	5-10	1643-20-5		400mg/kg	"
Tetra Sodium Salt (EDTA)	1-5	64-02-8		400 mg/kg	"
Dipropylene Glycol DPM	5-10	34590-94-8		5.4 ml/kg	>20 ml/kg

SECTION 3 - PHYSICAL DATA FOR MATERIAL

Physical State: Liquid Specific Gravity: 1.01 Odour Threshold(ppm): Not Available Odour & Appearance: Purple
Vapour Pressure (mm/Hg) as water Vapour Density (Air=1) >1 Evaporation Rate: N/Av
Boiling Point (°C): 100 Freezing Point (°C): 0
Solubility in Water(20°C): complete pH: 9-10 Coefficient of water/oil distribution: N/Av

SECTION 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability: No

Means of Extinction: Not flammable, Treat as surrounding fire

Special Procedures:

Flash point(°C) & Method: NONE Upper explosion limit(% by volume): N/App

Lower explosion limit (% by volume): N/App

Auto Ignition Temperature(°C): N/App

Flammability Classification:

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide

Chemical Sensitivity to Impact: N/App

Rate of Burning:

Explosion Power: N/App

Sensitivity to Static Discharge: N/App

SECTION 5 - REACTIVITY DATA

Chemical Stability : YES Conditions:

Incompatibility to other substances: YES Substances: Oxidizing Materials

Reactivity and under what conditions: None

Hazardous Decomposition Products: May liberate CO₂, CO, SiO₂

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SECTION 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry:: Skin Contact:X..... Skin Absorption:..... Eye Contact:..X.....
Inhalation Acute:..... Inhalation Chronic:..... Ingestion:.....X....

Effects of Acute Exposure to Product: Irritation may occur if prolonged contact is on skin.

Effects of Chronic Exposure to Product: No information is available

LD50 of Product (Specify Species & Route) : Sensitization to Product: None
LC50 of Product (Specify Species): Exposure limits of Product: N/Av
Irritancy of Product: None Synergistic materials: None

Carcinogenicity:..None Reproductive effects: None Teralogenicity:..None ... Mutagenicity:. None

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment:

Gloves: Rubber Respiratory: Needed only if used in confined areas Eye: Safety Glasses Footwear: Full
Clothing:.Fully clothed.....Other:

Engineering Controls: Mechanical/Local

Leak & Spill Procedure: Put in approved waste containers. Keep out of sewers , drains, soil and surface water.

Waste Disposal: Dispose in accordance to local laws.

Handling Procedures & Equipment: Keep container closed and store in a cool place. Avoid container from flame or heat. May dissolve plastic.

Storage Requirements:

Special Shipping Information: Not regulated under TDG.

SECTION 8 - FIRST AID MEASURES

Skin: Wash with soap and water.

Eyes: Flush with water for at least 15 minutes. Seek medical attention immediately.

Inhalation: Remove to fresh air. Seek medical attention if necessary.

Ingestion: Give two glasses of water. Do not induce vomiting. Seek medical attention immediately.

General advice:

IN CASE OF A DANGEROUS GOODS EMERGENCY CALL CANUTEC'S 24 HOUR NUMBER – 613-996-6666

SECTION 9 - PREPARATION DATE OF M.S.D.S.

Additional information/Comments:

Sources Used: Raw material suppliers' MSDS's.

Prepared by: Abe Kelly Phone #: 705-748-0436 Fax: 705-876-6467 Date: January 1, 2006 Revision Date: December 1, 2006.