

# MATERIAL HEALTH & SAFETY DATA SHEET

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

## SECTION 1 - MATERIAL IDENTIFICATION & USE

Material Name: **INFLATABLE & VINYL CLEANER – Code - 256**

Supplier: *Captain* PHAB Ltd.

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

Emergency Telephone #: 705 748-0436

Chemical Name: Molecular Weight:

Chemical Family: Water-based Detergent Trade Name/Synonyms:

Chemical Formula: Material Use: Cleaning of soiled surfaces

## 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
Lauryl Amine Oxide	5-10	1643-20-5		LC50 Rat 400 mg/Kg
Sodium Metasilicate	5-10	6834-92-0		LC 50 Rat - (oral) - 800 mg/kg Rabbit (dermal) - 800 ppm-8 hours
Tetrasodium Sodium Ethylene Diamine Tetracetate	5-10	64-02-8		LC 50 Rat 3030 mg/Kg
Sodium Hydroxide	1-5	1310-73-2		LC 50 Rat 340mg/Kg LC 50 Rabbit 1350 mg/Kg

## SECTION 3 - PHYSICAL DATA FOR MATERIAL

Physical State: Liquid Specific Gravity: 1.01 Odour Threshold(ppm): n/a Odour & Appearance: Detergent odor - clear  
Vapour Pressure (mm/Hg) n/a Vapour Density (Air=1) >1 Evaporation Rate: n/a Boiling Point (°C): 100 Freezing Point (°C): 4  
Solubility in Water(20°C): complete % Volatile (by volume): n/a pH: 11.8 Density (g/ml):  
Coefficient of water/oil distribution: n/a

## SECTION 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability: No Water-based

Means of Extinction: water-based --- non flammable

Special Procedures:

Flash point(°C) & Method n/a: Upper explosion limit(% by volume): n/a Lower explosion limit (% by volume): n/a

Auto Ignition Temperature(°C): n/a Flammability Classification:

Hazardous Combustion Products

Chemical Sensitivity to Impact: n/a Rate of Burning: Explosion Power: Sensitivity to Static Discharge:

## SECTION 5 - REACTIVITY DATA

Chemical Stability : Yes Conditions:

Incompatibility to other substances: Yes Substances: Avoid strong oxidizing agents.

Reactivity and under what conditions: None

Hazardous Decomposition Products: None known

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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: EYE CONTACT: Will cause severe irritation.  
INGESTION: Will severely burn mouth, throat and stomach.

Effects of Chronic Exposure to Product: SKIN: Chemical burns may result from prolonged or repeated contact.

LD50 of Product (Specify Species & Route) : Sensitization to Product:  
LC50 of Product (Specify Species): Exposure limits of Product:  
Irritancy of Product: Synergistic materials:

Carcinogenicity:..negative..... Reproductive effects: negative Teralogenicity:..... none Mutagenicity: none.

**SECTION 7 - PREVENTIVE MEASURES**

Personal Protective Equipment:

Gloves: Chemical resistant Respiratory: n/a Eye: Safety glasses Footwear: normal  
Clothing:..normal.....Other:

Engineering Controls: Natural or mechanical ventilation.

Leak & Spill Procedure: Causes slipperiness. Use appropriate absorbent.

Waste Disposal: Follow local or provincial regulations.

Handling Procedures & Equipment: Avoid prolonged or repeated skin contact. Wash well after contact.

Storage Requirements: Keep from freezing. Do not store near oxidizing materials.

Special Shipping Information: Keep out of reach of children.

**SECTION 8 - FIRST AID MEASURES**

Skin: Wash well with soap and water.

Eyes: Flush with plenty of fresh water for at least 15 minutes. Seek immediate medical attention.

Inhalation: Remove to fresh air.

Ingestion: Give 2 glasses of water. Do NOT induce vomiting. Seek medical attention.

General advice:

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

Additional information/Comments:

Sources Used: Ingredient supplier MSDS's

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