

MATERIAL HEALTH & SAFETY DATA SHEET

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

SECTION 1 - MATERIAL IDENTIFICATION & USE

Material Name: **HOLDING TANK DEODORIZER Code 363, 364**

Supplier: *Captain* PHAB Ltd.

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

Emergency Telephone #: 705 748-0436

Chemical Name: Molecular Weight:

Chemical Family: Compounded Product Trade Name/Synonyms:

Chemical Formula: Material Use: Human waste deodorizing

SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIAL

<u>Hazardous Ingredients</u>	<u>Approximate Concentration %</u>	<u>C.A.S.N.A. or U.N. Numbers</u>	<u>"Exposure Limits"</u>	<u>LD50 / LC50 Specify Species & Route</u>
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NONE

Mixture contains flour, starch, bran, sugar, yeast, sodium carbonate

SECTION 3 - PHYSICAL DATA FOR MATERIAL

Physical State: solid Specific Gravity: n/a Odour Threshold(ppm): Odour & Appearance: Amber to brown granular.
Vapour Pressure (mm/Hg): Vapour Density (Air=1): Evaporation Rate: Boiling Point (°C): Freezing Point (°C):
Solubility in Water(20°C):Partially Soluble % Volatile (by volume): pH: Density (g/ml): Coefficient of water/oil distribution:

SECTION 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

Flammability: Non-flammable product.

Means of Extinction:

Special Procedures:

Flash point(°C) & Method: Upper explosion limit(% by volume): Lower explosion limit (% by volume):
Auto Ignition Temperature(°C): Flammability Classification: Hazardous Combustion Products:
Chemical Sensitivity to Impact: Rate of Burning: Explosion Power: Sensitivity to Static Discharge:

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes - Stable

Incompatibility to other substances: Yes Substances: Strong mineral acids

Reactivity and under what conditions: Strong acids cause the r release of CO₂ from the carbonate. Charring of other ingredients.

Hazardous Decomposition Products: None known

SECTION 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT

Route of Entry: Skin Contact:X..... Skin Absorption:..... Eye Contact: X
Inhalation Acute:..... Inhalation Chronic:..X..... Ingestion: X
Effects of Acute Exposure to Product: Fine powder may irritate sensitive skin and may irritate eyes.
Inhalation and ingestion may cause irritation, queasiness and/or vomiting.

Effects of Chronic Exposure to Product:

LD50 of Product (Specify Species & Route): n/a Sensitization to Product: not known
LC50 of Product (Specify Species): n/a Exposure limits of Product: not known
Irritancy of Product: not known Synergistic materials: n/a

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

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment: No special precautions required

Gloves: Respiratory: Eye: Footwear:
Clothing:Other:

Engineering Controls:

Leak & Spill Procedure: Remove by vacuum or broom.
Waste Disposal: No special precautions.
Handling Procedures & Equipment: n/a
Storage Requirements: Keep in cool dry area for long shelf life.
Special Shipping Information: n/a

SECTION 8 - FIRST AID MEASURES

Skin: Thoroughly wash exposed area with soap and water.

Eyes: Flush with water, for 15 minutes. If irritation persists - get medical attention.

Inhalation: Gross inhalation - Remove person to fresh air if symptoms persists - get medical attention.

Ingestion: Drink copious amounts of water.

General advice:

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

Additional information/Comments:

Sources Used: Raw ingredients suppliers MSDS's.

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

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