Material Safety Data Sheet

Material Name: EXODOR® PORTA-PAK® Wave 2 Holding Tank Deodorizer & Portion Control System **ID: WAL-001**

* * * Section 1 - Chemical Product and Company Identification * * *

Chemical Name: Porta-Pak Toilet Deodorizer
Product Use: Preparation of deodorizing solution for portable toilets.
Manufacturer Information

WALEX Products Company, Inc.
P.O. Box 3785
Wilmington, NC 28406

Phone: +1 910 371 2242

Emergency # 1-800-424-9300 (CHEMTREC USA)
Mfg Contact: International: +1 703-527-3887 (call collect)

General Comments

CHEMTREC telephone number is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

* * * Section 2 - Composition / Information on Ingredients * * *

CAS #	Component	Percent
7487-88-9	Magnesium sulfate	15-20
Not Available	Fragrance Mixture	8-15
Not Available	Colorant Mixture – Non-Reactive Non-Hazardous	5-15
Proprietary	Surfactant	8-11
7631-86-9	Silica	10-20

Component Information/Information on Non-Hazardous Components

Other components consisting of 25-50% of the total composition are considered trade secrets and are being excluded from disclosure on this MSDS under terms of OSHA 29 CFR 1926.29 and 29 CFR 1928.21. The hazards of this (these) ingredient(s) are given on this MSDS.
This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

* * * Section 3 - Hazards Identification * * *

Emergency Overview

WARNING Product is granular solid mixture encased in a blue, water-soluble film packet. Contents of packet cause severe eye irritation. Prolonged contact may cause eye damage. This product may be irritating to the respiratory system and skin.

Potential Health Effects: Eyes

Contents of packet cause severe eye irritation, and possible eye damage upon prolonged exposure.

Potential Health Effects: Skin

Contents of packet may cause irritation to the skin.

Potential Health Effects: Ingestion

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause irritation of the throat, stomach, and gastrointestinal tract.

Potential Health Effects: Inhalation

Dusts of this product may cause irritation of the nose, throat, and respiratory tract.

HMIS Ratings: Health: 2 **Fire:** 1 **Physical Hazard:** 0 **Pers. Prot.:** Gloves, Goggles
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

* * * Section 4 - First Aid Measures * * *

First Aid: Eyes

Remove contact lenses, if worn. Immediately flush eyes with lukewarm water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

First Aid: Skin

For skin contact, wash immediately with soap and water. If irritation persists, get medical attention.

First Aid: Ingestion

Do not induce vomiting. Have victim rinse mouth thoroughly with water. Give several glasses of water to dilute contents of stomach and call a physician.

First Aid: Inhalation

If inhaled, immediately remove the affected person to fresh air. Call a physician if symptoms develop or persist.

* * * Section 5 - Fire Fighting Measures * * *

Flash Point: >150°C
Method Used: Not available
Upper Flammable Limit (UFL): Not determined
Lower Flammable Limit (LFL): Not determined
Auto Ignition: Not determined
Flammability Classification: Non Flammable
Rate of Burning: Not determined

General Fire Hazards

None identified.

Hazardous Combustion Products

Irritating and/or toxic gases, including oxides of magnesium, nitrogen, sulfur or sodium, may be emitted upon the product's decomposition.

Extinguishing Media

Use methods for the surrounding fire.

Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

* * * Section 6 - Accidental Release Measures * * *

Containment Procedures

Containment of this material should not be necessary.

Clean-Up Procedures

Sweep up or gather material and place in appropriate container for disposal. Avoid raising dust. Wash spill area thoroughly. Wear appropriate protective equipment during cleanup.

Evacuation Procedures

Not ordinarily required.

Special Procedures

Wear appropriate personal protective equipment to minimize contact with eyes or skin. Avoid inhalation of dust from the spilled material.

* * * Section 7 - Handling and Storage * * *

Handling Procedures

Prevent eye contact. Do not handle with wet hands. Prevent inhalation of dust. Wash thoroughly after handling. Avoid prolonged exposure.

Storage Procedures

Store in cool, dry, well-ventilated area in original container. Keep sealed. Keep out of reach of children.

* * * Section 8 - Exposure Controls / Personal Protection * * *

A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Not normally needed. Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Not normally needed. Wear safety glasses if exposure to packet contents is likely.

Personal Protective Equipment: Skin

Not normally needed. Wear impervious gloves for prolonged contact, or if exposed to packet contents.

Personal Protective Equipment: Respiratory

Not normally needed. If ventilation is not sufficient to effectively prevent buildup of dust, appropriate NIOSH/MSHA respiratory protection must be provided.

Personal Protective Equipment: General

Use good industrial hygiene practices in handling this material.

* * * Section 9 - Physical & Chemical Properties * * *

Appearance:	Blue granular solid.	**Odor:**	Fragrance
Physical State:	Dry granular solid	**pH:**	6-7
Vapor Pressure:	Not applicable	**Vapor Density:**	Not applicable
Boiling Point:	Not applicable	**Melting Point:**	Not applicable
Solubility (H2O):	>85%	**Specific Gravity:**	0.6
Bulk Density:	60g/100ml	**Percent Volatile:**	25%

* * * Section 10 - Chemical Stability & Reactivity Information * * *

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Protect from moisture. Avoid dispersion of dust in air.

Incompatibility

May react with strong oxidizing agents.

Hazardous Decomposition

Irritating and/or toxic fumes and gases, including hydrogen bromide and oxides of magnesium, nitrogen, sulfur or sodium, may be emitted upon the product's decomposition.

Hazardous Polymerization

Will not occur.

* * * Section 11 - Toxicological Information * * *

Acute and Chronic Toxicity

A: General Product Information

The toxicological properties of this material have not been fully investigated. Product is expected to be harmful if swallowed, and cause eye, skin, respiratory system, and gastrointestinal tract irritation.

B: Component Analysis - LD50/LC50

Carcinogenicity

A: General Product Information

The carcinogenic properties of this material have not been fully investigated.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

* * * Section 12 - Ecological Information * * *

Ecotoxicity

A: General Product Information

Components of this product are hazardous to aquatic life.

This product as a whole has an EC50 = 3.56% (15-minutes).

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No additional information available.

* * * Section 13 - Disposal Considerations * * *

US EPA Waste Number & Descriptions

A: General Product Information

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of empty pouch in trash. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

* * * Section 14 - Transportation Information * * *

US DOT Information

Shipping Name: Compounds Cleaning No. 1
Additional Info. Not regulated.

* * * Section 15 - Regulatory Information * * *

US Federal Regulations

A: General Product Information

Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

B: Component Analysis

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

A: General Product Information

Product may be subject to reporting in states other than those listed for individual components.

B: Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

A: General Product Information

No additional information available.

B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Magnesium sulfate	7487-88-9	Yes	DSL	EINECS
Water	7732-18-5	Yes	DSL	EINECS

* * * Section 16 - Other Information * * *

Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; DSL = Domestic Substances List; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; IMO = International Maritime Organization; MAC/MAK = Maximum Concentration Value in the Workplace; mg/Kg = milligrams per Kilogram; mg/L = milligrams per Liter; mg/m3 = milligrams per Cubic Meter; MSHA = Mine Safety and Health Administration; NA = Not Applicable or Not Available; NIOSH = National Institute for Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NLP = No Longer Polymer; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; VLA/VLE = Work Exposure Threshold; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TDG = Transport Dangerous Goods; TSCA = Toxic Substances Control Act; WHMIS = Workplace Hazardous Materials Information System.