



Material Safety Data Sheet

Material Name: BRAVO™ URINAL DEODORIZER

MSDS ID: WAL-222

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

Chemical Name: Urinal Deodorizer

Product Use: Scented Urinal Screen for Portable Restrooms

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 - Hazards Identification ***

Emergency Overview

Product is a solid material that has a liquid fragrance absorbed in it. Contact with fragrance can cause irritation to the eyes and skin. Vapor may cause irritation to the respiratory tract. Product contains components which may be absorbed through the skin. This product may be harmful if it is swallowed.

Potential Health Effects: Eyes

Contact can cause irritation.

Potential Health Effects: Skin

This product may cause irritation to the skin.

Potential Health Effects: Ingestion

This product may be harmful if it is swallowed.

Potential Health Effects: Inhalation

Inhalation of high concentrations of vapors may produce respiratory irritation.

HMIS Ratings: Health: 1 Fire: 1 Physical Hazard: 0 Pers. Prot.: NA, Gloves

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
NA	Fragrance Mixture	Not Available

Component Information/Information on Non-Hazardous Components

Other components consisting of 15-25% of the total composition are considered trade secrets and are being excluded from disclosure 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.

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

First Aid: Eyes

Immediately flush eyes with lukewarm water for at least 15 minutes, while holding eyelids open. If irritation persists get medical attention.

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. Call a physician immediately.

First Aid: Inhalation

If vapor becomes over whelming, immediately remove the affected person to fresh air. Call a physician if symptoms develop or persist.



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

General Fire Hazards

See Section 9 for Flammability Properties.
This product is combustible at high temperatures.

Hazardous Combustion Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Water spray, carbon dioxide, dry chemical powder, alcohol or polymer foam.

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.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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

Containment Procedures

Containment of this material should not be necessary.

Clean-Up Procedures

Ventilate the contaminated area. Wear appropriate protective equipment and clothing during clean-up. Regulations vary. Consult local authorities before disposal.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

Special Procedures

Wear appropriate personal protective equipment to prevent contact with eyes and skin. Avoid inhalation of vapors from the spilled material.

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

Handling Procedures

Avoid breathing vapors of this product. Avoid contact with skin and eyes. Wash thoroughly after handling. Use this product with adequate ventilation.

Storage Procedures

Keep product in protective wrapper in a cool, well-ventilated place. .

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

Exposure Guidelines

A: General Product Information

Follow all applicable exposure limits.

B: Component Exposure Limits

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

Engineering Controls

Ventilation should effectively remove and prevent buildup of any vapors generated from the handling of this product.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Not normally necessary. Normal industrial hygiene practices are necessary.

Personal Protective Equipment: Skin

Use impervious gloves.



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Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively prevent buildup of vapors, appropriate NIOSH approved respiratory protection must be provided.

Personal Protective Equipment: General

Use good industrial hygiene practices in handling this material. Eye wash fountain and emergency showers are recommended.

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

Appearance:	Various colors to none	Odor:	Fragrance mixture
Physical State:	Liquid fragrance absorbed into solid material	pH:	Not applicable
Vapor Pressure:	Not determined	Vapor Density:	Not Applicable
Boiling Point:	Not determined	Melting Point:	Not determined
Solubility (H2O):	Not applicable	Specific Gravity:	Not determined
Flash Point:	>200 °F	Flash Point Method:	Not available
Auto Ignition:	Not available	Upper Flammability Limit (UFL):	Not available
Lower Flammability Unit (LFL):	Not available	Percent Volatile:	Not determined

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

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Keep away from heat, ignition sources, and incompatible materials.

Incompatibility

May react with strong oxidizing agents.

Hazardous Decomposition

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 - Toxicological Information ***

Acute Dose Effects

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, irritation. This product may be harmful if it is absorbed through the skin.

B: Component Analysis - LD50/LC50

Not available

Repeated Dose Effects

No information available for the product.

Carcinogenicity

A: General Product Information

No information available for the product.

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

No information available for the product.



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B: Component Analysis - Ecotoxicity - Aquatic Toxicity

Environmental Fate

No information available for the product.

*** 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 waste material according to Local, State, Federal, and Provincial Environmental Regulations. Product may be recycled as type 7 other regulated plastics.



See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Not regulated as a hazardous material.

TDG Information

Shipping Name: Not regulated as a dangerous good.

*** 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 products 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).

Acute Health: Yes **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

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

Component Analysis - WHMIS IDL

Additional Regulatory Information

A: General Product Information

No additional information available.



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B: Component Analysis - Inventory

*** 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.