

Material Safety Data Sheet

Material Name:
SMARTY DOME URINAL CLEANER BLOCK

Section 1 - Chemical Product and Company Identification

Product Name: Smarty Dome Urinal Screen Dome (Solid)

Product Usage: Waterless & hybridH2 Urinals

Manufacturer Information: R TURNER ASSOCIATES LLC
hybridH2O
285A Koolabrew Dr NW
Calabash NC 28467

Phone: 336.776.0103

Phone & fax: 855.587.4625

www.smartybee.com

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

This product is a preparation

Component Information:

| CAS # | Component | EU INCI Name | Percent Wt. % | R-Phrases |
|------------|---------------------------------|---------------------------------|---------------|-----------|
| 497-19-8 | Sodium Carbonate | Sodium Carbonate | More than 20 | --- |
| 7757-82-6 | Sodium Sulphate | Sodium Sulfate | More than 43 | --- |
| 25155-30-0 | sodium dodecyl-benzenesulfonate | sodium dodecyl-benzenesulfonate | More than 15 | |
| 151-21-3 | Sodium dodecyl sulfate | Sodium dodecyl sulfate | More than 10 | --- |
| 9004-32-4 | Sodium carboxymethyl cellulose | CMC | More than 5 | --- |
| NA | Essentialoil (apple/lavender) | Fragrance | More than 5 | --- |
| 2650-18-2 | Blue Dyestuff | Blue Dyestuff | More than 2 | --- |

SECTION 3 - HAZARDS IDENTIFICATION

This product is not classified as dangerous according to Directive 1999/45/EC as amended and adapted

Physical/Chemical Hazards: Not classified as dangerous

Human health hazards:

Eyes: Direct contact, may cause irritation.

Skin: Direct contact, may cause irritation.

Ingestion: Not applicable under normal condition of use, but intentional ingestion of the product may cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: High concentration of the vapor may cause moderate irritation of the nose and throat.

SECTION 4 - FIRST AID MEASURES

First Aid

Eyes: Immediately rinse with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Seek medical attention in case of continuous irritation.

Skin: Wash with plenty of water for at least 15 minutes. While removing contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

Ingestion: Give 2-4 cupfuls of milk or water if victim is conscious and alert. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical attention.

Inhalation: Move to fresh air immediately. Seek medical attention in case of continuous irritation of respiratory tract.

Notes to Physician: Treat symptomatically and supportively.

SECTION 5 - FIRE FIGHTING MEASURES

| | | | |
|-------------------------------------|-----------------|-------------------------------------|----|
| Flash Point: | Not combustible | Method Used: | NA |
| Upper Flammable Limit (UFL): | NA | Lower Flammable Limit (LFL): | NA |

General Fire Hazards

This product is not combustible.

Hazardous Combustion Products

This product may decompose in fire, releasing oxides of nitrogen, oxides of sulfur, carbon dioxide and carbon monoxide.

Extinguishing Media

Use any media suitable for the surrounding fires.

Fire Fighting Equipment/Instructions

Cool fire-exposed containers with water spray. Use self-contained breathing apparatus in confined areas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Containment Procedures

Stop source of leak if possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, Scoop up used absorbent into drums or other appropriate container.

Clean-Up Procedures

Surfaces may become slippery after spillage. If material is released, indicate risk of slipping

Wear appropriate protective equipment and clothing during clean-up. Dispose of spent absorbent in an approved industrial waste landfill. Shovel the material into waste container.

Evacuation Procedures

In case of large spills, follow all facility emergency response procedures.

Special Procedures

None

SECTION 7 - HANDLING AND STORAGE

Handling Procedures

Avoid getting this material into contact with your eyes and skin.

Keep away from foodstuffs, beverages, and feed. Wash hands before breaks and at the end of work.

Storage Procedures

Keep the container closed and in a well-ventilated place. Avoid freezing to prevent bursting of the container.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Occupational Exposure Limits:

The EU, ACGIH, German DFG, United Kingdom and Sweden have not developed exposure limits for any of this product's components.

Component Biological Limits:

There is no biological limit allocated.

Engineering Controls

Use general ventilation or use local exhaust, where possible, in confined or enclosed spaces.

Personal Protective Equipment

Eyes/Face: Tightly sealed goggles.

Skin: Neoprene or nitrile-latex gloves.

Respiratory: Not normally required.

Personal Protective Equipment: General

Eye wash fountain is required.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

| | | | |
|-------------------------------------|---------------------------|---|---------|
| Appearance: | Solid with various colors | Color: | Various |
| Odor: | Fragrant | pH: | 7.5 –9 |
| Vapor Density: | NA | Vapor Pressure: | NA |
| Boiling Point: | NA | Melting point: | > 75 °C |
| Solubility (H₂O): | soluble | Specific Gravity (H₂O = 1): | 1.5 |

SECTION 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

Do not freeze. Avoid contact strong oxidizing agents, strong acids, and strong bases

Hazardous Decomposition

Hazardous combustion products may include carbon monoxide, carbon dioxide, oxides of sulfur, and oxides of nitrogen

Hazardous Polymerization

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute And Chronic Toxicity

Sensitization: No data available for this product.

Mutagenicity: No data available for this product.

Teratogenicity: No data available for this product.

Carcinogenicity: None of this product's components are listed by IARC, German DFG or United Kingdom.

SECTION 12 - ECOLOGICAL INFORMATION

Component Analysis - Ecotoxicity - Aquatic Toxicity

Environmental Fate

This is a biodegradable product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INSTRUCTIONS

Dispose of in accordance with local environmental regulations or local authority requirements.

SECTION 14 - TRANSPORTATION INFORMATION

INTERNATIONAL TRANSPORTATION REGULATIONS:

US DOT: Not regulated as a hazardous material or dangerous goods for transportation

ICAO/IATA: Not regulated as a hazardous material or dangerous goods for transportation

IMO/IMDG: Not regulated as a hazardous material or dangerous goods for transportation

RID/ADR: Not regulated as a hazardous material or dangerous goods for transportation

SECTION 15 - REGULATORY INFORMATION

European Union Regulatory Information

Label Requirements

R-Phrases/S-phrases: This product is not classified according to the EU regulations.

Additional International Regulatory Information

| Component | CAS # | TSCA | DSL | EINECS |
|---------------------------------|------------|------|-----|--------|
| Sodium Sulphate | 7757-82-6 | Yes | Yes | Yes |
| Sodium dodecyl sulfate | 151-21-3 | Yes | Yes | Yes |
| sodium dodecyl-benzenesulfonate | 25155-30-0 | Yes | Yes | Yes |

SECTION 16 - OTHER INFORMATION

Disclaimer:

Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or

Consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

Key/Legend

NA = Not available or Not Applicable. ND = Not determined or No data. MAC = Maximum Allowable Concentration. TWA = Time Weighted Average. ACGIH = American Conference of Governmental Industrial Hygienists. IARC = International Agency for Research on Cancer. TSCA = Toxic Substance Control Act. DSL = Domestic Substances List (Canada). EINECS = European Inventory of Existing Commercial Substances; IECSC = Inventory of Existing Chemical Substances.

Wording of R/S-phrases in item 2

R21/22 Harmful in contact with skin and if swallowed.

R36/38 Irritating to eyes and skin.

Sources used

EU Directive 2001/58/EC

EU Directive 1999/45/EC

EU Directive 67/548/EEC

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THIS IS THE END OF MSDS