# Safety Data Sheet

# Big D Enzym D

## SECTION 1. IDENTIFICATION

| | |
|---|---|
| **Product Identifier** | Big D Enzym D |
| **Other Means of Identification** | 050000, 050400, 050900, 051000, 051403, 051500, 051600, C0450003, C0450403, C0450903, C0451003, C0451303, C0451403, C0451503, & C0451603 |
| **Other Identification** | Enzym D |
| **Product Family** | Enzym D |
| **Recommended Use** | Bacterial Deodorizer. |
| **Manufacturer** | Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com |
| **Supplier** | Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com |
| **Emergency Phone No.** | Big D Industries, 800 535 5053, 24hr (Infotrac) |
| **SDS No.** | 0429 |

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Respiratory sensitization - Category 1; Germ cell mutagenicity - Category 1B; Carcinogenicity - Category 1A

**GHS Label Elements**



Signal Word:
Danger

Hazard Statement(s):
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause genetic defects.
May cause cancer.

Precautionary Statement(s):
Prevention:
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust, fume, gas, mist, vapours or spray.
Wear protective gloves/protective clothing/eye protection/face protection.
In case of inadequate ventilation wear respiratory protection (NIOSH approved air-purifying respirator with an organic vapour cartridge).

Response:

IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
IF exposed or concerned: Get medical advice/attention.
If experiencing respiratory symptoms: Call a POISON CENTRE/doctor.

Storage:
Store locked up.

Disposal:
Dispose of contents/container in accordance with local, regional, national and international regulations.

**Other Hazards**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

| Chemical Name | CAS No. | % | Other Identifiers |
|---|---|---|---|
| Other components below reportable Levels | No CAS | 98.73 | |
| Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy- | 27252-75-1 | 0.54 | |
| Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts | 119345-04-9 | 0.5 | |
| Fragrance | No CAS | 0.23 | |

## SECTION 4. FIRST-AID MEASURES

**First-aid Measures**

**Inhalation**

Call a Poison Centre or doctor if you feel unwell or are concerned.

**Skin Contact**

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

**Eye Contact**

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.
If eye irritation persists, get medical advice/attention.

**Ingestion**

Rinse mouth with water. Call a Poison Centre or doctor if you feel unwell or are concerned.

**First-aid Comments**

If exposed or concerned, get medical advice/attention.

**Most Important Symptoms and Effects, Acute and Delayed**

If in eyes:
May cause mild irritation.

**Immediate Medical Attention and Special Treatment**

**Special Instructions**

Not applicable.

**Medical Conditions Aggravated by Exposure**

None known.

## SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media**

Not combustible. Use extinguishing agent suitable for surrounding fire.

**Unsuitable Extinguishing Media**

None known.

**Specific Hazards Arising from the Chemical**

Does not burn.
This product presents no unusual hazards in a fire situation.
Not known to generate any hazardous decomposition products in a fire.

**Special Protective Equipment and Precautions for Fire-fighters**

No special precautions are necessary.
Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures**

No special precautions are necessary.

**Environmental Precautions**

It is good practice to prevent releases into the environment.

**Methods and Materials for Containment and Cleaning Up**

No special clean-up methods are necessary.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

No special handling precautions are necessary.
It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

**Conditions for Safe Storage**

Store in an area that is: cool, dry.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters**

Not available.

Consult local authorities for provincial or state exposure limits.

**Appropriate Engineering Controls**

The hazard potential of this product is relatively low. General ventilation is usually adequate.

**Individual Protection Measures**

**Eye/Face Protection**

Do not get in eyes.

**Skin Protection**

Not required, if used as directed.

**Respiratory Protection**

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

| | |
|---|---|
| **Appearance** | liquid. |
| **Odour** | Fragrant (Fragrance) |
| **Odour Threshold** | Not available |

| | |
|---|---|
| **pH** | Not available |
| **Melting Point/Freezing Point** | Not available (freezing) |
| **Initial Boiling Point/Range** | Not available |
| **Flash Point** | > 200 ºF (93 ºC) |
| **Evaporation Rate** | Not available |
| **Flammability (solid, gas)** | Not applicable |
| **Upper/Lower Flammability or Explosive Limit** | Not applicable (upper); Not applicable (lower) |
| **Vapour Pressure** | Not available |
| **Vapour Density (air = 1)** | Not available |
| **Relative Density (water = 1)** | Not available |
| **Partition Coefficient, n-Octanol/Water (Log Kow)** | Not available |
| **Auto-ignition Temperature** | Not applicable |

### Other Information

| | |
|---|---|
| **Physical State** | Liquid |

## SECTION 10. STABILITY AND REACTIVITY

**Reactivity**

None known.

**Chemical Stability**

Normally stable.

**Possibility of Hazardous Reactions**

None known.

**Conditions to Avoid**

None known.

**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure**

Inhalation; skin contact; eye contact; ingestion.

**Acute Toxicity**

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

**Skin Corrosion/Irritation**

No information was located.
Not irritating.

**Serious Eye Damage/Irritation**

No information was located.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Inhalation**

No information was located.

**Skin Absorption**

No information was located.

**Ingestion**

No information was located.

**Aspiration Hazard**

Not known to be an aspiration hazard.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

No information was located.

**Respiratory and/or Skin Sensitization**

No information was located.

**Reproductive Toxicity**

**Development of Offspring**

No information was located.

**Sexual Function and Fertility**

No information was located.

**Effects on or via Lactation**

No information was located.

**Germ Cell Mutagenicity**

No information was located.

**Interactive Effects**

No information was located.

No information was located for: Skin Corrosion/Irritation, Serious Eye Damage/Irritation, STOT (Specific Target Organ Toxicity) - Single Exposure, STOT (Specific Target Organ Toxicity) - Repeated Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Development of Offspring, Sexual Function and Fertility, Germ Cell Mutagenicity, Interactive Effects

## SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

**Toxicity**

**Acute Aquatic Toxicity**

| Chemical Name | LC50 Fish | EC50 Crustacea | ErC50 Aquatic Plants | ErC50 Algae |
|---|---|---|---|---|
| Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy- | | > 100 mg/L (Daphnia magna (water flea); 48-hour) | | |

**Persistence and Degradability**

No information was located.

**Bioaccumulative Potential**

No information was located.

**Mobility in Soil**

No information was located.

**Other Adverse Effects**

There is no information available.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal Methods**

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions for User** Not applicable

**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

## SECTION 15. REGULATORY INFORMATION

**Safety, Health and Environmental Regulations**

**Canada**

**WHMIS Classification**

Not a WHMIS controlled product.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

**Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL or are not required to be listed.

**USA**

**Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

**Additional USA Regulatory Lists**

Pennsylvania Right To Know. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-)

New Jersey Right To Know. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-)

California Proposition 65: 1,4-Dioxane (CAS 123-91-1) Acetaldehyde (CAS 75-07-0) Formaldehyde (CAS 50-00-0) Ethylene Oxide (CAS 75-21-8)

California Proposition 65 - Developmental Toxin: Ethylene Oxide (CAS 75-21-8).

## SECTION 16. OTHER INFORMATION

| | |
|---|---|
| **NFPA Rating** | **Health - 0 Flammability - 0 Instability - 0** |
| **SDS Prepared By** | Wayne Hegstrom |
| **Phone No.** | 405 682 2541 |
| **Date of Preparation** | April 06, 2015 |