



Safety Data Sheet

Big D Water Soluble Deodorant, Very Cherry

SECTION 1. IDENTIFICATION

| | |
|--------------------------------------|--|
| Product Identifier | Big D Water Soluble Deodorant, Very Cherry |
| Other Means of Identification | 035300, 161300, 361300, 431300, 561300, & C0431303 |
| Other Identification | Water Soluble Deodorant, Very Cherry |
| Product Family | Liquid Deodorants |
| Recommended Use | Restroom Odor Counteractant. |
| Restrictions on Use | None known. |
| 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. | 0400 |

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Serious eye damage/eye irritation - Category 1; Skin sensitization - Category 1; Germ cell mutagenicity - Category 1B; Carcinogenicity - Category 1A

GHS Label Elements



Signal Word:
Danger

Hazard Statement(s):

May cause an allergic skin reaction.
Causes serious eye damage.
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.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

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Response:

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTRE/doctor.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

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 | 88.61 | |
| Poly(oxy-1,2-ethanediyl), alpha-octyl- omega-hydroxy- | 27252-75-1 | 8.01 | |
| 2-Propanol | 67-63-0 | 1.64 | |
| Benzaldehyde | 100-52-7 | 0.67 | |
| Dipropylene glycol monomethyl ether | 34590-94-8 | 0.49 | |
| Ethyl acetate | 141-78-6 | 0.18 | |
| n-Amyl acetate | 628-63-7 | 0.18 | |
| Benzyl acetate | 140-11-4 | 0.12 | |
| 2-Methylbutyl acetate | 624-41-9 | 0.10 | |

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air.

Skin Contact

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

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.

Ingestion

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

Most Important Symptoms and Effects, Acute and Delayed

If on skin:

May cause mild irritation.

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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.

See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

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

Contain and soak up spill with absorbent that does not react with spilled product.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

No special handling precautions are necessary.

Conditions for Safe Storage

No special requirements for storage area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Chemical Name | ACGIH TLV® | | OSHA PEL | | AIHA WEEL | |
|-------------------------------------|------------|---------|------------|---------|-----------|-----|
| | TWA | STEL | TWA | Ceiling | 8-hr TWA | TWA |
| 2-Propanol | 200 ppm | 400 ppm | 980 mg/m3 | | | |
| Dipropylene glycol monomethyl ether | 100 ppm | 150 ppm | 600 mg/m3 | | | |
| Ethyl acetate | 400 ppm | | 1400 mg/m3 | | | |
| Benzyl acetate | 10 ppm | | | | | |
| n-Amyl acetate | 50 ppm | 100 ppm | 525 mg/m3 | | | |

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|-----------------------|--------|---------|--|--|--|--|
| 2-Methylbutyl acetate | 50 ppm | 100 ppm | | | | |
|-----------------------|--------|---------|--|--|--|--|

ACGIH® = American Conference of Governmental Industrial Hygienists. TWA = Time-Weighted Average. STEL = Short-term Exposure Limit.

Appropriate Engineering Controls

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

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required, if used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

| | |
|---|---|
| Appearance | Clear liquid. |
| Odour | Fragrant |
| Odour Threshold | Not available |
| pH | Not available |
| Melting Point/Freezing Point | Not available (melting); Not available (freezing) |
| Initial Boiling Point/Range | > 212 °F (100 °C) |
| Flash Point | > 200 °F (93 °C) |
| Evaporation Rate | Not available |
| Flammability (solid, gas) | Will not burn. |
| Upper/Lower Flammability or Explosive Limit | Not available (upper); Not available (lower) |
| Vapour Pressure | Not available |
| Vapour Density (air = 1) | Not available |
| Relative Density (water = 1) | ~ 1 at 68 °F (20 °C) |
| Solubility | Soluble in all proportions in water; Not available (in other liquids) |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not available |
| Auto-ignition Temperature | Not available |
| Decomposition Temperature | Not available |
| Viscosity | Not available (kinematic) |
| 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

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None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information presented below is for the entire product, unless otherwise specified.

Likely Routes of Exposure

Skin contact; eye contact; ingestion; inhalation.

Acute Toxicity

| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|-------------------------------------|--------------------------|------------------------------------|---------------------------|
| 2-Propanol | 72.6 mg/L (rat) (vapour) | 4396 mg/kg (rat) | 12870 mg/kg (rabbit) |
| Dipropylene glycol monomethyl ether | | 5135 mg/kg | 9500 mg/kg |
| Benzaldehyde | | > 1300 mg/kg (rat) | > 2000 mg/kg (guinea pig) |
| Ethyl acetate | 16000 mg/L (rat) | 5600 mg/m3 (rat) (2-hour exposure) | |
| Benzyl acetate | | 830 mg/kg (mouse) | > 5000 mg/kg (rabbit) |

Skin Corrosion/Irritation

No information was located.

May cause mild irritation.

Serious Eye Damage/Irritation

No information was located.

EYE IRRITANT.

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

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

| Chemical Name | IARC | ACGIH® | NTP | OSHA |
|---------------|------|--------|-----|------|
| 2-Propanol | | A4 | | |

A4 – Not classifiable as a human carcinogen.

No information was located.

Reproductive Toxicity

Development of Offspring

No information was located.

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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.

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) | | |
| 2-Propanol | 9640 mg/L (Pimephales promelas (fathead minnow); 96-hour) | 13299 mg/L (Daphnia magna (water flea); 48-hour) | | > 1000 mg/L (96-hour) |
| Benzaldehyde | 0.8-1.44 mg/L (Lepomis macrochirus (bluegill); 96-hour) | | | |
| Ethyl acetate | 200.32-225.42 mg/L (48-hour) | | | |
| n-Amyl acetate | 65 mg/L (96-hour) | | | |

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal Methods**

This product is a non-hazardous waste.

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**

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Class D2B

D2B - Toxic (Eye irritant)

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.

CEPA - National Pollutant Release Inventory (NPRI)

Part 1A. (2-Propanol) Part 5. (2-Propanol)

USA

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

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

Pennsylvania Right To Know. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-) Ethyl Acetate (CAS 141-78-6) Ethyl Butyrate (CAS 105-54-4) Methyl Salicylate (CAS 119-36-8) n-Amyl acetate (CAS 628-63-7) Pin-2(3)-ene (CAS 80-56-8) Propylene Glycol (CAS 57-55-6). (2-Propanol). (Dipropylene glycol monomethyl ether). (Benzaldehyde)

New Jersey Right To Know. (Poly(oxy-1,2-ethanediyl), alpha-octyl- omega -hydroxy-). (Pine oil) Benzyl Acetate (CAS 140-11-4) Ethyl Acetate (CAS 141-78-6) Ethyl Butyrate (CAS 105-54-4) n-Amyl acetate (CAS 628-63-7) Pin-2(3)-ene (CAS 80-56-8). (2-Propanol). (Dipropylene glycol monomethyl ether). (Benzaldehyde)

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

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

Massachusetts Right To Know. (Dipropylene glycol monomethyl ether) n-Amyl acetate (CAS 628-63-7) Ethyl Acetate (CAS 141-78-6) Ethyl Butyrate (CAS 105-54-4) Pin-2(3)-ene (CAS 80-56-8). (2-Propanol). (Benzaldehyde)

Rhode Island Right To Know. (2-Propanol) n-Amyl acetate (CAS 628-63-7) Ethyl Acetate (CAS 141-78-6)

CERCLA: 2-Methylbutyl acetate (CAS 624-41-9) Ethyl Acetate (CAS 141-78-6) Ethyl Butyrate (CAS 105-54-4) n-Amyl acetate (CAS 628-63-7) Pin-2(3)-ene (CAS 80-56-8).

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 | March 26, 2015 | | |
| Revision Indicators | Not applicable. | | |

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