



Material Safety Data Sheet

Big D Blu Toilet Bowl Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Big D Blu Toilet Bowl Cleaner
Product Identifier	646
MSDS No.	0044
Other Means of Identification	Toilet Bowl Cleaner
Product Family	Toilet Bowl Cleaner
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 Contact Information	Big D Industries, 800 535 5053, 24hr (Infotrac)
Use	Toilet Bowl Cleaner

2. HAZARDS IDENTIFICATION

Potential Health Effects

Route of Exposure	Skin contact; eye contact; ingestion.
Skin Contact	May cause mild irritation.
Eye Contact	May cause mild irritation.
Ingestion	Harmful.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Urea	57-13-6	25-30	
SODIUM DODECYLBENZENESULFONATE	25155-30-0	8-12	
Tetrasodium ethylenediaminetetraacetate	64-02-8	3-6	
METHYL SALICYLATE	119-36-8	1-2	

4. FIRST AID MEASURES

First Aid Procedures

Skin Contact	Immediately flush with lukewarm, gently flowing water for 15-20 minutes.
Eye Contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open.
Ingestion	NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

Flammable Properties	Does not burn.
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Suitable Extinguishing Media	Not combustible. Use extinguishing agents compatible with product and suitable for surrounding fire.
Unsuitable Extinguishing Media	None known.
Specific Hazards Arising from the Chemical	This product presents no unusual hazards in a fire situation. Very toxic carbon monoxide, carbon dioxide.
Protective Equipment and Precautions for Firefighters	Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	No special precautions are necessary.
Environmental Precautions	Do not allow into any sewer, on the ground or into any waterway.
Methods for Containment and Clean-up	No special clean-up methods are necessary.

7. HANDLING AND STORAGE

Handling	No special handling precautions are necessary.
Storage	No special requirements for storage area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Urea					10 mg/m3	

Engineering Controls General ventilation is usually adequate.

Personal Protective Equipment (PPE)

Eye/Face Protection	Wear chemical safety goggles.
Skin Protection	Not required, if used as directed.
General Hygiene Considerations	It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Appearance	Dark blue.
Odour	Peppermint
Odour Threshold	Not available
Boiling Point	Not available
Freezing Point	Not available
Relative Density (water = 1)	Not available
Solubility in Water	Soluble.
pH	7.25

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Partition Coefficient, n-Octanol/Water	Not available
Viscosity-Kinematic	Not available
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Evaporation Rate	Not available
Flash Point	Not applicable
Lower Flammable/Explosive Limit	Not applicable
Upper Flammable/Explosive Limit	Not applicable
Auto-ignition Temperature	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable.
Conditions to Avoid	None known.
Incompatible Materials	None known.
Hazardous Decomposition Products	None known.
Possibility of Hazardous Reactions	None known.

11. TOXICOLOGICAL INFORMATION

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Irritation / Corrosion

There is limited evidence of mild irritation.

Eye Irritation / Corrosion

There is limited evidence of mild irritation.

Effects of Short-Term (Acute) Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Effects of Long-Term (Chronic) Exposure

No information was located.

Carcinogenicity

Not specifically listed. OSHA: NTP: IARC.

Teratogenicity / Embryotoxicity

No information was located.

Reproductive Toxicity

No information was located.

No information was located for: Respiratory and/or Skin Sensitization, Mutagenicity, Toxicologically Synergistic Materials

12. ECOLOGICAL INFORMATION

Ecotoxicity Studies were not located.

13. DISPOSAL CONSIDERATIONS

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

14. TRANSPORT INFORMATION

Shipping Information

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

Regulation	UN No.	Shipping Name	Class	Packing Group

Other Transport Information

Special Shipping Information Not applicable

15. REGULATORY INFORMATION

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 MSDS 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

US OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

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.

16. OTHER INFORMATION

NFPA Rating	Health - 1	Flammability - 0	Instability - 0
MSDS Prepared By	Wayne Hegstrom		
Phone No.	405 682 2541		
Date of Preparation	April 24, 2012		

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