



Material Safety Data Sheet

Big D WSD&D

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Big D WSD&D
Product Identifier	360
MSDS No.	0103
Other Means of Identification	WSD&D
Product Family	Liquid Deodorants
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	Disinfectant/Deodorant

2. HAZARDS IDENTIFICATION

Emergency Overview Clear yellow. Citrus odour. DANGER! CORROSIVE. Causes severe skin burns and eye damage.

Potential Health Effects

Route of Exposure Eye contact; skin contact; inhalation; ingestion.

Inhalation Can cause severe irritation of the nose and throat.

Skin Contact CORROSIVE. May burn the skin. Permanent scarring may result.

Eye Contact May cause serious eye damage. May irritate or burn the eyes. Permanent damage including blindness may result.

Ingestion Harmful.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Quaternary ammonium compounds, C12-18-alkyl [(ethylphenyl)methyl]dimethyl, chlorides	68956-79-6	2.25	
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5	2.25	

4. FIRST AID MEASURES

First Aid Procedures

Inhalation Move victim to fresh air. If victim is experiencing asthma-like symptoms (e.g. coughing, shortness of breath, wheezing), call a Poison Centre or doctor.

Skin Contact Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately flush with lukewarm, gently flowing water for 15-20 minutes. If irritation or pain persists, see a doctor.

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Eye Contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Immediately call a Poison Centre or doctor. Treatment is urgently required. Transport to a hospital.
Ingestion	NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Immediately call a Poison Centre or doctor. Have victim rinse mouth with water.
Note to Physicians	If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

5. FIRE FIGHTING MEASURES

Flammable Properties	Does not burn.
Suitable Extinguishing Media	Not combustible. Use extinguishing agent 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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Evacuate downwind locations. Increase ventilation to area or move leaking container to a well-ventilated and secure area.
Environmental Precautions	Do not allow into any sewer, on the ground or into any waterway. It is good practice to prevent releases into the environment.
Methods for Containment and Clean-up	Ventilate the area to prevent the gas from accumulating, especially in confined spaces. Stop or reduce leak if safe to do so. Small spills or leaks: do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Large spills or leaks: dike spilled product to prevent runoff. Dike and recover contaminated water for appropriate disposal.

7. HANDLING AND STORAGE

Handling	Only use where there is adequate ventilation. Wear personal protective equipment to avoid direct contact with this chemical.
Storage	Store in an area that is: temperature-controlled, dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.
Personal Protective Equipment (PPE)	
Eye/Face Protection	Wear chemical safety goggles and face shield when contact is possible.
Skin Protection	Wear chemical protective clothing e.g. gloves, aprons, boots.
Respiratory Protection	Not normally required if product is used as directed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Clear yellow.

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Odour	Citrus
Boiling Point	212 °F (100 °C)
Freezing Point	32 °F (0 °C)
Relative Density (water = 1)	~ 1.04 at 20 °C
Solubility in Water	Soluble.
pH	11.7
Viscosity-Kinematic	< 100 centistokes at 25 °C
Vapour Density (air = 1)	> 1
Evaporation Rate	< 1 (diethyl ether = 1)
Flash Point	> 201 °F (94 °C)

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable.
Conditions to Avoid	None known.
Incompatible Materials	Strong oxidizing agents (e.g. perchloric acid).
Hazardous Decomposition Products	Corrosive, oxidizing nitrogen oxides; corrosive, flammable ammonia; very toxic carbon monoxide, carbon dioxide.
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

No information was located.

Eye Irritation / Corrosion

No information was located.

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.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Not specifically listed.

Teratogenicity / Embryotoxicity

No information was located.

Reproductive Toxicity

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No information was located.

Mutagenicity

No information was located.

Toxicologically Synergistic Materials

No information was located.

12. ECOLOGICAL INFORMATION

General Comments Environmental information was not located.

13. DISPOSAL CONSIDERATIONS

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

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

USA

US OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Additional USA Regulatory Lists

US Federal This product is a U.S. EPA registered pesticide.

16. OTHER INFORMATION

NFPA Rating **Health - 3** **Flammability - 1** **Instability - 0**
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Date of Preparation July 09, 2012