



Safety Data Sheet

Big D Metered Insecticide (EPA Reg. 44446-56-7052)

SECTION 1. IDENTIFICATION

Product Identifier	Big D Metered Insecticide (EPA Reg. 44446-56-7052)
Other Means of Identification	047000 & A0447006
Other Identification	Metered Insecticide
Product Family	Specialty Chemicals & Systems
Recommended Use	Insecticide.
Restrictions on Use	None known.
Manufacturer	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.	0444

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable aerosol - Category 2; Gas under pressure - Liquefied gas; Serious eye damage/eye irritation - Category 2B

GHS Label Elements



Signal Word:
Warning

Hazard Statement(s):

Flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes eye irritation.

Precautionary Statement(s):

Prevention:
Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Wash hands and skin thoroughly after handling.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: Get medical advice/attention.

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Storage:
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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
Hydrotreated kerosene	64742-47-8	60-100	
Petroleum gases, liquefied, sweetened	68476-86-8	10-30	
MGK 264	113-48-4	3.00	
Piperonyl butoxide	51-03-6	1.80	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. If breathing has stopped, trained personnel should begin rescue breathing. Call a Poison Centre or doctor.

Skin Contact

Take off immediately contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Immediately rinse with lukewarm, gently flowing water for 15-20 minutes. If skin irritation occurs get medical advice/attention.

Eye Contact

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

Ingestion

Rinse mouth with water. Get medical advice/attention if you feel unwell or are concerned. Do not induce vomiting. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:

A severe exposure can cause unconsciousness.

If on skin:

May cause mild irritation.

If in eyes:

May cause mild irritation.

If swallowed:

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Immediate Medical Attention and Special Treatment

Medical Conditions Aggravated by Exposure

Respiratory conditions, cardiovascular conditions.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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Carbon dioxide, dry chemical powder or appropriate foam. Special "alcohol resistant fire-fighting foams".

Specific Hazards Arising from the Chemical

Can ignite if strongly heated.

Closed containers may rupture violently when heated releasing contents.

Very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

A full-body encapsulating chemical protective suit with 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

Do not allow into any sewer, on the ground or into any waterway.

Methods and Materials for Containment and Cleaning Up

Ventilate the area to prevent the gas from accumulating, especially in confined spaces. 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.

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, out of direct sunlight and away from heat and ignition sources. Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity).

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrotreated kerosene	400 ppm		400 ppm			
Petroleum gases, liquefied, sweetened	1000 ppm					

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.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance Amber - yellow.

Odour Gasoline-like

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Odour Threshold	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	232 °C (450 °F)
Flash Point	> 200 °F (93 °C)
Evaporation Rate	< 1 (n-butyl acetate = 1)
Flammability (solid, gas)	Flammable gas.
Upper/Lower Flammability or Explosive Limit	6.0% (upper); 1.0% (lower)
Vapour Pressure	0.4 mm Hg (0.1 kPa) at 77 °F (25 °C)
Vapour Density (air = 1)	< 6
Relative Density (water = 1)	0.82 at 77 °F (25 °C)
Solubility	Insoluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	188 °C (370 °F)
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

Open flames, sparks, static discharge, heat and other ignition sources. Temperatures above 122.0 °F (50.0 °C)

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Hydrotreated kerosene	5 mg/L (rat) (4-hour exposure)	5000 mg/kg (rat)	2000 mg/kg (rabbit)

Skin Corrosion/Irritation

No information was located.

Serious Eye Damage/Irritation

No information was located.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

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A severe exposure can cause unconsciousness.

Skin Absorption

No information was located.

Ingestion

No information was located.

Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.

Respiratory and/or Skin Sensitization

No information was located.

Carcinogenicity

Not specifically listed.

No information was located.

Reproductive Toxicity

Development of Offspring

No information was located.

No information was located.

Sexual Function and Fertility

No information was located.

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

No information was located.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Environmental information was not located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

This product or its degradation products are expected to bioaccumulate.

Mobility in Soil

If released into the environment, this product can move rapidly through the soil.

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

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
US DOT	1950	AEROSOLS	2.1	
IATA (Air)	1950	AEROSOLS	2.1	
IMO (Marine)	1950	AEROSOLS	2.1	

Environmental Hazards Marine Pollutant

Special Precautions for User Please note: US DOT Exceptions: LTD QTY (See CFR)(Ground)

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

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.

SECTION 16. OTHER INFORMATION

NFPA Rating Health - 2 Flammability - 3 Instability - 0

SDS Prepared By Wayne Hegstrom

Phone No. 405 682 2541

Date of Preparation April 09, 2015

Revision Indicators Not applicable.

Additional Information This product is not classified or registered for use outside the USA.

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