



# Safety Data Sheet

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

### SECTION 1. IDENTIFICATION

<b>Product Identifier</b>	Big D Metered Insecticide (EPA Reg. 44446-56-7052)
<b>Other Means of Identification</b>	047000 & A0447006
<b>Other Identification</b>	Metered Insecticide
<b>Product Family</b>	Specialty Chemicals & Systems
<b>Recommended Use</b>	Insecticide.
<b>Restrictions on Use</b>	None known.
<b>Manufacturer</b>	Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
<b>Emergency Phone No.</b>	Big D Industries, 800 535 5053, 24hr (Infotrac)
<b>SDS No.</b>	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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<b>Odour Threshold</b>	Not available
<b>Melting Point/Freezing Point</b>	Not available (melting); Not available (freezing)
<b>Initial Boiling Point/Range</b>	232 °C (450 °F)
<b>Flash Point</b>	> 200 °F (93 °C)
<b>Evaporation Rate</b>	< 1 (n-butyl acetate = 1)
<b>Flammability (solid, gas)</b>	Flammable gas.
<b>Upper/Lower Flammability or Explosive Limit</b>	6.0% (upper); 1.0% (lower)
<b>Vapour Pressure</b>	0.4 mm Hg (0.1 kPa) at 77 °F (25 °C)
<b>Vapour Density (air = 1)</b>	< 6
<b>Relative Density (water = 1)</b>	0.82 at 77 °F (25 °C)
<b>Solubility</b>	Insoluble in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	188 °C (370 °F)
<b>Other Information</b>	
<b>Physical State</b>	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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