

# SAFETY DATA SHEET

## SECTION 1: IDENTIFICATION

**COMPANY NAME:** AMERICAN INDUSTRIES, INC.  
**ADDRESS LINE 1:** 4300 Kahn Drive, Box 1405  
**ADDRESS LINE 2:** Lumberton, NC 28359-1405 USA  
**TELEPHONE NUMBERS:** 800-753-5153 (or) 910-738-7224  
**EMERGENCY PHONE:** CHEMTREC 1-800-424-9300

**PRODUCT NAME:** DB2  
**PRODUCT CODE:** 1422.02  
**PRODUCT USE:** Insecticide  
**SDS FILE ID:** 1422.03  
**SDS DATE:** 2023-09-26  
**REPLACES VERSION DATED:** 2015-05-12 *and all prior versions*

## SECTION 2: HAZARDS IDENTIFICATION

Classification Compressed Gas:

Eye Irritant: Category 2b

Aspiration Hazard: Category 1

Label elements



Signal word

Danger

Hazard statement:

Contains gas under pressure; May explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

Precautionary statement

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 122°F (50°C). Store in a well-ventilated place. Wash hands thoroughly after handling. 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 attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

Hazard(s) not otherwise classified (HNOC)

N/A

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS number	%
Isoparaffinic Hydrocarbon	64742-47-8	60-100
Carbon Dioxide	124-38-9	1-5

## SECTION 4: FIRST AID MEASURES

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Skin contact	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Eye contact	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 or attention.
Ingestion	Immediately call a poison center or doctor. Do NOT induce vomiting.
Acute health hazards	Eyes: redness, tearing, blurred vision.

Chronic health hazards	Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.
Note to physician	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

### SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, alcohol or alcohol-resistant foam or carbon dioxide. Water may be ineffective.
Unsuitable extinguishing media	Water spray/stream
Special firefighting procedures	Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.
Unusual fire and explosion hazards	Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
Hazardous combustion products	Oxides of carbon.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to section VIII for proper Personal Protective Equipment.
Spill	Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.
Waste disposal	Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.
RCRA Status	Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.
Other precautions	Keep out of reach of children.
Incompatibility	Some plastics and strong oxidizers.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Isoparaffinic Hydrocarbon	400 ppm	400 ppm
Carbon Dioxide	5000 ppm	5000 ppm
Appropriate engineering controls	General ventilation adequate.	
Respiratory protection	Not required with normal use.	
Personal protective equipment	Wear eye protection.	
Additional Measures	Wash hands thoroughly after use.	

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Aerosol
Odor	Mild odor
Odor threshold	N/D
Boiling point	450°F (232°C)
Freezing Point	N/D
Flammability	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)
Flash point	> 200°F (93°C)

Auto-ignition temperature	N/D	
Upper/lower flammability limits	Lower: N/A	Upper: N/A
Vapor Pressure (mmHg)	0.4	
Vapor density (Air = 1)	>6	
Evaporation Rate	<1	
Specific Gravity (H2O=1)	0.81	
pH	N/A	
Solids (%)	N/D	
Solubility in Water	0%	
Partition Coefficient:n-Octanol/water (K <sub>ow</sub> )	N/D	
Volatility including water (%)	3%	
VOC	<1%	
Dielectric Strength (Volts)	40,100	
Decomposition Temperature	N/D	
Viscosity	N/D	

#### SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable.
Conditions to avoid	Temperatures greater than 122°F (50°C) and sources of ignition.
Incompatibility	Some plastics and strong oxidizers.
Hazardous decomposition products	Oxides of carbon.
Possible hazardous reactions	None known.

#### SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Isoparaffinic Hydrocarbon (64742-47-8) LD <sub>50</sub> (Oral, Rat) 5 g/kg LD <sub>50</sub> (Dermal, Rabbit) 2 g/kg; LC <sub>50</sub> (Rat, 4hr) 5mg/L..
Routes of Entry	Ingestion, Inhalation, Skin.
Ingestion	May cause nausea and diarrhea, vomiting.
Inhalation	May cause dizziness. Excessive exposure may lead to oxygen deprivation and unconsciousness.
Skin contact	May cause mild irritation, localized defatting.
Eye contact	Causes irritation, redness, tearing.
Medical condition aggravated	Excessive exposure will aggravate respiratory cardiovascular or pulmonary illnesses.
Acute health hazards	Eyes: redness, tearing, blurred vision.
Chronic health hazards	Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

#### SECTION 12: ECOLOGICAL INFORMATION

Ecological information	This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment areas.
Biodegradability	Component or components of this product are not biodegradable.
Bioaccumulation	Components in this mixture can bioaccumulate in aquatic organisms.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	This material is toxic to aquatic life.

### SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.
RCRA Status	Waste likely considered non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION 14: TRANSPORT INFORMATION

DOT	
UN number	Aerosols, Ltd. Qty
UN proper shipping name	1950
Transport hazard class(es)	2.2
Packing group	N/A

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.  
 CERCLA (Comprehensive response compensation, and liability act): None.  
 SARA 311/312 Hazardous categories: None.  
 SARA 313 reportable ingredients: None

US state regulations: California Proposition 65: None.

International regulations: All components are listed or exempted.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

EPA Reg. No. 44446-54-38090

### SECTION 16: OTHER INFORMATION

## Hazardous Materials Identification System (HMIS)

HMIS-RATING:	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	1

**Important Note:** *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

\*\*\*End of SDS\*\*\*