

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078951805

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078947786



## SAFETY DATA SHEET ZENIDOG® Gel Diffuser

Virbac AH, Inc. encourages and expects you to read and understand the entire SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

### 1. IDENTIFICATION

<b>Product Name</b>	ZENIDOG® Gel Diffuser
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Identified uses</b>	Diffuser gel to provide calming effect for dogs
<b>Restrictions on Use</b>	For veterinary use
<b>Company Identification</b>	Virbac AH, Inc. P.O. Box 162059 Fort Worth, Texas 76161 (800) 338-3659
<b>Customer Information Number</b>	
<b>Emergency Telephone Number</b>	
<b>CHEMTREC Number</b>	(800) 424-9300
<b>Other Emergency Number:</b>	Human Toll-free 833-224-2009 Animal Toll-free 833-224-2013
<b>Issue Date</b>	May 12, 2023
<b>Supersedes Date</b>	April 11, 2022

*Safety Data Sheet prepared in accordance with OSHA's Hazard Communication Standard (29 CFR 1910.1200) and the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).*

### 2. HAZARD IDENTIFICATION

**Hazard Classification**  
Flammable Liquids – Category 3

**Label Elements**  
Hazard Symbols



Signal Word: Warning

**Hazard Statements**  
Flammable liquid and vapor.

**Precautionary Statements**  
**Prevention**

Wear protective gloves, eye protection and face protection.  
Keep away from heat, sparks, open flame, hot surfaces. - No smoking.  
Keep container tightly closed.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting equipment.



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#### 2. HAZARD IDENTIFICATION

**Response**

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
In case of fire: Use extinguishing measures that appropriate to local circumstances.

**Storage**

Store in a well-ventilated place.  
Keep cool.

**Disposal**

Dispose of contents/container in accordance with local regulation.

**Other Hazards**

None

**Specific Concentration Limits**

The values listed below represent the percentages of ingredients of unknown toxicity.

Acute oral toxicity	<10%
Acute dermal toxicity	<10%
Acute inhalation toxicity	<10%
Acute aquatic toxicity	<10%

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms:**

This product is a mixture.

Component Name	CAS Number	Concentration*
Isopropanol	67-63-0	3 – 7%

\*Exact concentration withheld as trade secret.

#### 4. FIRST-AID MEASURES

**Description of necessary first-aid measures****Eyes**

Immediately flood the eye with plenty of water for at least for several minutes, holding the eye open.  
Obtain medical attention if symptoms persist.

**Skin**

Wash skin thoroughly with soap and water. Obtain medical attention if symptoms persist.

**Ingestion**

Rinse mouth with water. Call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Inhalation**

Remove person to fresh air. Seek medical attention if symptoms persist.

**Most important symptoms/effects, acute and delayed**

Aside from the information found under Description of necessary first aid measures (above) and Indication of immediate medical attention and special treatment needed, no additional symptoms and effects are anticipated.





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#### 4. FIRST- AID MEASURES

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**Indication of immediate medical attention and special treatment needed**

**Notes to Physicians**

Treat symptomatically.

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#### 5. FIRE - FIGHTING MEASURES

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**Extinguishing Media**

Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.

**Unusual Fire and Explosion Hazards**

Vapors can travel a considerable distance to a source of ignition and flashback. Flashback can occur if air temperature exceeds flash point. Be aware of possibility of re-ignition. Can release hazardous vapors during a fire.

**Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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#### 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective clothing. Eliminate all sources of ignition. Use non-sparking tools for flammable materials.

**Environmental Precautions**

Prevent the material from entering drains or watercourses.

**Methods and materials for containment and cleaning up**

Wipe up and transfer into suitable containers for recovery or disposal.

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#### 7. HANDLING AND STORAGE

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**Precautions for safe handling**

Wear appropriate protective clothing.

**Conditions for safe storage**

Store in original container between 46 and 81°F. Store away from children and pets. Store away from sources of heat or ignition. Storage area should be: cool - dry - well ventilated - away from incompatible materials - out of direct sunlight - away from sources of ignition (heat, sparks, flames, and pilot lights)

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Control parameters**

Exposure limits are listed below, if they exist.

**2-Propanol (Isopropanol)**

ACGIH: TLV 200 ppm (492 mg/m<sup>3</sup>), 8hr; 15 min STEL 400 ppm (984 mg/m<sup>3</sup>)

OSHA PEL: 400 ppm (980 mg/m<sup>3</sup>)



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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Appropriate engineering controls

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.

##### Individual protection measures

###### Respiratory Protection

Wear respiratory protection if there is a risk of exposure. A NIOSH approved full face respirator may be worn. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

###### Skin Protection

Gloves

###### Eye/Face Protection

Safety glasses

###### Body Protection

Normal work wear.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

##### Appearance

##### Physical State

Liquid

##### Color

Cream to light yellow

##### Odor

No data available

##### Odor Threshold

No data available

##### pH

No data available

##### Density

No data available

##### Boiling Range/Point (°C/F)

No data available

##### Melting Point (°C/F)

No data available

##### Flash Point (PMCC) (°C/F)

55/131 (did not sustain combustion in UN test)

##### Vapor Pressure

No data available

##### Evaporation Rate (BuAc=1)

No data available

##### Solubility in Water

No data available

##### Vapor Density (Air = 1)

No data available

##### VOC

No data available

##### Partition coefficient (n-octanol/water)

Not applicable

##### Viscosity

Not applicable

##### Auto-ignition Temperature

No data available

##### Decomposition Temperature

No data available

##### Upper explosive limit

No data available

##### Lower explosive limit

No data available

##### Flammability (solid, gas)

No data available

#### 10. STABILITY AND REACTIVITY

##### Reactivity

Data is not available

##### Chemical Stability

Stable under normal conditions.



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### 10. STABILITY AND REACTIVITY

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**Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**Conditions to Avoid**

Heat, sparks, flames - high temperatures - sources of ignition - contact with incompatible materials

**Incompatible Materials**

Strong acids - strong bases

**Hazardous Decomposition Products**

Oxides of carbon – organic compounds

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### 11. TOXICOLOGICAL INFORMATION

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**Acute Toxicity**

Isopropyl Alcohol

Oral LD50 (rat) >5000 mg/kg

**Specific Target Organ Toxicity (STOT) – single exposure**

Available data indicates this product is not expected to cause target organ effects after a single exposure.

**Specific Target Organ Toxicity (STOT) – repeat exposure**

Available data indicates this product is not expected to cause target organ effects after repeated exposure.

**Serious Eye damage/Irritation**

Available data indicates this product is not expected to cause eye irritation.

**Skin Corrosion/Irritation**

Available data indicates this product is not expected to cause skin irritation.

**Respiratory or Skin Sensitization**

This product contains an ingredient (at concentration below classification limits) that may have cross reactivity potential in a very limited number of cases in persons allergic to lidocaine or similar substances.

**Carcinogenicity**

Not considered carcinogenic by NTP, IARC, and OSHA.

**Germ Cell Mutagenicity**

Available data indicates this product is not expected to be mutagenic.

**Reproductive Toxicity**

Available data indicates this product is not expected to cause reproductive toxicity or birth defects.

**Aspiration Hazard**

Not an aspiration hazard.





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#### 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

No relevant studies identified.

**Mobility in soil**

No relevant studies identified.

**Persistence/Degradability**

No relevant studies identified.

**Bioaccumulative Potential**

No relevant studies identified.

**Other adverse effects**

No relevant studies identified.

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#### 13. DISPOSAL CONSIDERATIONS

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**Disposal Methods**

Dispose of in accordance with all applicable local and national regulations.

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#### 14. TRANSPORT INFORMATION

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DOT CFR 172.101 Data	Not regulated for transport
UN Proper Shipping Name	None
UN Class	None
UN Number	Not applicable
UN Packaging Group	Not applicable
Classification for AIR Transportation (IATA)	Not regulated for transport
Classification for Water Transport (IMDG)	Not regulated for transport

Note: This product did not sustain combustion in the UN Sustained Combustibility Test

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#### 15. REGULATORY INFORMATION

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**United States TSCA Inventory**

All components of this product have not been verified for inventory listing requirements of the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

**SARA Title III Sect. 311/312 Categorization**

Flammable liquid

**SARA Title III Sect. 313**

This product contains a chemical that is listed in Section 313 at or above de minimis concentrations. The following listed chemicals are present: Isopropanol



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#### 16. OTHER INFORMATION

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##### Legend

ACGIH: American Conference of Governmental Industrial Hygienists  
BOD: Biological Oxygen Demand  
CAS#: Chemical Abstracts Service Number  
FIFRA: Federal Insecticide, Fungicide and Rodenticide Act  
IARC: International Agency for Research on Cancer  
LC50: Lethal Concentration 50%  
LD50: Lethal Dose 50%  
N/A: Denotes no applicable information found or available  
NTP: National Toxicology Program

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#### 16. OTHER INFORMATION

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##### Legend, continued

OSHA: Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
STEL: Short Term Exposure Limit  
TLV: Threshold Limit Value  
TSCA: Toxic Substance Control Act

Revision Date: May 12, 2023

Replaces: April 11, 2022

Changes made: Section 14 – change in transport classification

##### Information Source and References

This SDS is prepared by Hazard Communication Specialists based on information provided by internal company references.

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