



Healthcare  
Environmental  
Solutions

# Safety Data Sheet

Issue Date: 28-Oct-2025

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

**Product Name** HES H533 AERIS

Other means of identification

**SDS #** H533  
Peppermint - Lemon Coconut – Orange Breeze

Recommended use of the chemical and restrictions on use

**Recommended Use** Air handler deodorizer.  
**Uses Advised Against** For industrial or institutional use only.

Details of the supplier of the safety data sheet

**Supplier Address**  
HES Healthcare Environmental Solutions  
320 37th Avenue  
St. Charles, IL 60174  
www.healthenvirosolutions.com

Emergency telephone number

**Emergency Telephone** INFOTRAC 1-800-535-5053 (North America)  
1-352-323-3500 (International)  
1-800-654-1692(to reorder)

## 2. HAZARDS IDENTIFICATION

**Appearance** Firm, white/yellow gel

**Physical state** Gel

**Odor** Various

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Other hazards

May be harmful to aquatic life with long-lasting effects.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health. However, additional component information is available in subsequent sections of this SDS.

## 4. FIRST AID MEASURES

Description of first aid measures

**Eye Contact** Immediately flush with water for at least 15 minutes. If symptoms develop, call a physician.

**Skin Contact** Wash with soap and water. If irritation persists, call a physician or poison control center.

<b>Inhalation</b>	Not likely an issue. If symptoms are experienced, move person to well-ventilated area. If irritation continues, call a physician or poison center.
<b>Ingestion</b>	Drink several glasses of water, do not induce vomiting. See a physician if symptoms persist.

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

<b>Symptoms</b>	May be irritating to the eyes. Prolonged or repeated contact may cause skin irritation. Exposure by ingestion is an unlikely route but if ingested may cause irritation of the digestive tract.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with water spray and remove source of ignition.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Use personal protective equipment as required.
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**Environmental precautions****Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
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<b>Methods for Clean-Up</b>	Eliminate all sources of ignition. Sweep up solids and collect in drums for disposal. Clean contaminated area with soap and water.
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**7. HANDLING AND STORAGE****Precautions for safe handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands with soap and water after handling this product.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep this product in a properly labeled, tightly closed container. Store in a cool, well-ventilated area, away from ignition sources and incompatible materials. Keep container tightly closed. Store locked up.
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<b>Incompatible Materials</b>	Strong oxidizing agents.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies

### Appropriate engineering controls

**Engineering Controls** Ventilation is normally not required and local exhaust is usually adequate.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Normally not required.

**Skin and Body Protection** Normally not required.

**Respiratory Protection** None required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Gel		
<b>Appearance</b>	Firm, white/mild yellow gel	<b>Odor</b>	Various
<b>Color</b>	White/mild yellow	<b>Odor Threshold</b>	Not determined
<b>Property</b>	<b>Values</b>		<b>Remarks • Method</b>
pH	8-9		
<b>Melting point / freezing point</b>	57.2 °C / 135 °F		
<b>Boiling point / boiling range</b>	Not available		
<b>Flash point</b>	65 °C / 149 °F		Tag Closed Cup
<b>Evaporation Rate</b>	Not available		
<b>Flammability (Solid, Gas)</b>	Liquid-Not applicable		
<b>Flammability Limit in Air</b>			
<b>Upper flammability or explosive limits</b>	Not available		
<b>Lower flammability or explosive limits</b>	Not available		
<b>Vapor Pressure</b>	Not determined		
<b>Vapor Density</b>	Not determined		
<b>Relative Density</b>	1.01		
<b>Water Solubility</b>	Negligible		
<b>Solubility in other solvents</b>	Not determined		
<b>Partition Coefficient</b>	Not determined		
<b>Autoignition temperature</b>	Not determined		
<b>Decomposition temperature</b>	Not determined		
<b>Kinematic viscosity</b>	Not determined		
<b>Dynamic Viscosity</b>	Not determined		
<b>Explosive Properties</b>	Not determined		
<b>Oxidizing Properties</b>	Not determined		
<b>Other information</b>			
<b>VOC Content</b>	None		

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous polymerization will not occur.

### Conditions to Avoid

Excessive heat and fire. Incompatible Materials.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

When strongly heated, as in a fire, this product may produce carbon monoxide and carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Ingestion</b>	Do not ingest.

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary	= 1240 mg/kg ( Rat )	-	-
Proprietary	= 2426 mg/kg ( Rat )	-	-

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
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### Numerical measures of toxicity

#### **The following values are calculated based on chapter 3.1 of the GHS document**

<b>Oral LD50</b>	5,471.00 mg/kg
<b>Dermal LD50</b>	33,333.00 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not determined.

### Persistence/Degradability

Not determined.

### Bioaccumulation

There is no data for this product.

### Mobility

Not determined.

### Other Adverse Effects

Not determined.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up-to-date shipping information, including exemptions and special circumstances.

### DOT

Not regulated.

### IATA

Not regulated.

### IMDG

#### **Marine Pollutant**

This material may meet the definition of a marine pollutant.

## 15. REGULATORY INFORMATION

### International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary	X	ACTIVE	X			X	X	X	X
Proprietary	X	ACTIVE	X			X	X	X	X
Proprietary	X	ACTIVE	X	X		X	X	X	X
Proprietary	X	ACTIVE	X			X	X	X	X

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations****California Proposition 65**

This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations.

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical hazards</b>	<b>Personal Protection</b>
	0	1	0	None

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**Revision Note:** New Format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**