

Issue Date 07/31/2024

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Air Scrubber

Other means of identification

Product Code 2101

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

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.

Label elements

Emergency Overview

Appearance: Blue gel with carbon top and bottom of gel

Physical state: Gel

Odor: Floral

Precautionary Statements - Storage

Keep this product in a properly labeled, tightly closed container. Store in a cool, dry, well-ventilated area. Store away from incompatible materials.

Precautionary Statements - Disposal

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

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

First aid measures

Skin Contact

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

Eye Contact	Immediately flush with large amounts of water. If symptoms or irritation develop, seek medical attention.
Inhalation	If symptoms experienced move person to well-ventilated area. If irritation continues seek medical attention.
Ingestion	Drink several glasses of water, do not induce vomiting. Never give anything by mouth to an unconscious person. See physician if symptoms persist.

Most important symptoms and effect, both acute and delayed

Symptoms	May cause slight eye irritation. Prolonged or repeated skin contact may cause 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

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water Fog, Carbon dioxide, Dry chemical, Foam, Water.

Unsuitable Extinguishing Media: Not determined.

Specific hazards arising from the chemical

None known.

Hazardous Combustion Products: 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. Closed containers exposed to fire may be cooled with water.

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

Personal precautions	Use personal protective equipment as required.
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Methods and material for containment and cleaning up

Methods for containment & cleaning up	Prevent further leakage or spillage if safe to do so. Eliminate sources of ignition. Absorb any liquid spills with an inert absorbent material (e.g. kitty litter, sand, vermiculite). Sweep up 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**

Advice on safe handling	Wash hands and face with soap and water after using this product.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep this product in a properly labeled, tightly closed container. Store in a cool, dry, well-ventilated area. Store away from incompatible materials.
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Incompatible materials

Strong oxidizing agents.

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 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

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Gel
Appearance	Blue gel with carbon on top and bottom of gel
Color	Blue
Odor	Floral
Odor Threshold	Not available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not available	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not available	
Flash Point	93.3 °C / 200 °F	TCC
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not available	
Lower Flammability Limit	Not available	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not available	
Water Solubility	Insoluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content	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

Keep out of reach of children.

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**

Skin Contact	Avoid contact with skin. Direct contact may cause mild irritation.
Eye Contact	Avoid contact with eyes. Direct contact may cause mild irritation.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion	Do not ingest. Exposure by ingestion is an unlikely route, but if ingested, may cause irritation of the digestive tract.

Information on toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Not determined.

Persistence and Degradability

Not determined.

Bioaccumulation

Not determined.

Soil 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

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

Not regulated.

IATA

Not regulated.

IMDG

Not regulated.

15. REGULATORY INFORMATION**International Inventories**

All ingredients are listed or exempt from listing on the Chemical Substance Inventory.

Legend:**TSCA - United States Toxic Substances Control Act Section 8(b) Inventory****DSL/NDL - 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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Carrageenan 9000-07-1		X	X

16. OTHER INFORMATION

NFPA	Health hazards	ND	Flammability	ND	Reactivity	ND	Other	ND
HMIS	Health hazards	1	Flammability	1	Reactivity	0	Personal protection	None

Issue Date 07/31/2024

Revision Date

Revision Note New Format

N/A = Not Applicable; N/D = Not Determined

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