BLUE CARDINAL
• CHEMICAL •

SAFETY DATA SHEET

Issue Date 11/18/2014 **Revision Date** 12/05/2014 **Version** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name PūR AIR Orange

Other means of identification

Product Code 1494

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: Gel **Physical state:** Gel **Odor:** Citrus

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

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.

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.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

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.

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.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Wash hands and face with soap and water after using this product.

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.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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 Gel - Colors vary and are complimentary to specific fragrances
Color Colors vary and are complimentary to specific fragrances
Odor Characteristic of type of specific scent.
Odor Threshold Not determined

Property	Values
pH	Not available
Melting Point/Freezing Point	Not available
Boiling Point/Boiling Range	Not available
Flash Point	93.3 °C / 200 °F
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available
Upper Flammability Limits	Not determined
Lower Flammability Limit	Not determined
Vapor Pressure	Not available
Vapor Density	Not available
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

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.

Eye Contact Avoid contact with eyes.

Inhalation Do not inhale.

Ingestion Do not ingest.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Peppermint Oil (8006-90-4)	= 2426 mg/kg (Rat)	-	-
Cornmint Oil (68917-18-0)	= 1240 mg/kg (Rat)	>5 g/kg (Rabbit)	-
Sodium Chloride (7647-14-5)	= 3 g/kg (Rat)	>10 g/kg (Rabbit)	>42 g/m3 (Rat) 1 h
Carrageenan (9000-07-1)	= 5400 mg/kg (Rat)	-	-
Locust Bean Gum (9000-40-2)	= 13 g/kg (Rat)	-	-
Agar (9002-18-0)	= 11 g/kg (Rat)	-	-

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 Group 3 IARC components are “not classifiable as human carcinogens”.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Carrageenan 9000-07-1		Group 3		

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
Group 3 -Not classifiable as a human carcinogen
NTP (National Toxicology Program)
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Numerical measures of toxicity - Product Information
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not determined.

Soil Mobility
Not determined.

Persistence and Degradability
Not determined.

Bioaccumulation
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 Chemical Substance Inventory

US Federal Regulations

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).

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).

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**	N/D	**Flammability**	N/D	**Reactivity**	N/D	**Other**	N/D
HMIS	**Health hazards**	1	**Flammability**	1	**Reactivity**	0	**Personal protection**	None

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Revision Note

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