


<b>Material Name:</b> BoostR™ - HAZMAT Toxic Gases, Vapors (VOCs), & Odor Remover		<b>SDS# 20220-04</b> Page 1 of 4
--	---	-------------------------------------

# SAFETY DATA SHEET

## 1 – IDENTIFICATION

<b>Product Name:</b> BoostR™ HAZMAT Toxic Gases, Vapors (VOC), & Odor Remover  <b>SDS#:</b> 20220-04	<b>Emergency Information Contact:</b> Kationx Corporation Telephone: 321-914-0722
<b>Product Code:</b> 20220-04  <b>Recommended Use:</b> HAZMAT Toxic Gases & Vapors (VOCs) Remover	<b>Manufactured By:</b> Kationx Corporation 870 N.Miramar Ste. 228 Indialantic, FL 32903  

## 2 – HAZARDS IDENTIFICATION

<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>HMIS</th> <th>NFPA</th> </tr> </thead> <tbody> <tr style="background-color: yellow;"> <td><b>REACTIVITY</b></td> <td>0</td> <td>0</td> </tr> <tr style="background-color: blue; color: white;"> <td><b>HEALTH</b></td> <td>1</td> <td>1</td> </tr> <tr style="background-color: red; color: white;"> <td><b>FIRE HAZARD</b></td> <td>1</td> <td>1</td> </tr> <tr> <td><b>PPE</b></td> <td>E</td> <td></td> </tr> </tbody> </table>		HMIS	NFPA	<b>REACTIVITY</b>	0	0	<b>HEALTH</b>	1	1	<b>FIRE HAZARD</b>	1	1	<b>PPE</b>	E		
	HMIS	NFPA														
<b>REACTIVITY</b>	0	0														
<b>HEALTH</b>	1	1														
<b>FIRE HAZARD</b>	1	1														
<b>PPE</b>	E															

## 3 – COMPOSITION

	CAS#	EINECS	WEIGHT %	CLASSIFICATION
<b>Proprietary Carbon Blend</b>	Proprietary	Proprietary	95 to 100	Non-toxic, flammable dust
<b>Water</b>	7732-18-5	215-185-5	1 to 5	Not classified

## 4 – FIRST-AID MEASURES

<b>Eye Contact:</b>	Flush immediately with plenty of water for 15 minutes. If irritation persists, get medical attention.
<b>Inhalation:</b>	If breathing is difficult, move to area with fresh air and assume a comfortable resting position. Use artificial respiration and get medical attention if required.
<b>Skin Contact:</b>	Flush immediately with plenty of water. If irritation develops, get medical attention.
<b>Ingestion:</b>	If swallowed, give a cupful of water or milk. Never induce vomiting. If a person is unconscious, never induce vomiting or make them drink.
<b>Symptoms Immediate:</b>	Skin irritation. Eye irritation. Respiratory tract irritation.
<b>Symptoms delayed:</b>	Gastrointestinal effects. Respiratory tract irritation.

## 5 – FIREFIGHTING MEASURES

<b>Extinguishing Media</b>	Flammable Dust – Water, Fire Extinguisher, Fire Blankets can be used
<b>Specific Hazards</b>	Flaming dust may spread in windy environments. Avoid contact with strong oxidizers. Very weakly explosive in high air concentrations.
<b>Unusual Hazards</b>	Removes some oxygen from the air.
<b>Specific Methods</b>	No special methods required.

<b>Material Name:</b> BoostR™ HAZMAT – Toxic Gases, Vapors (VOCs) Remover		<b>SDS# 20220-04</b> Page 2 of 4
---	---	-------------------------------------

## 6 – ACCIDENTAL RELEASE MEASURES

Avoid breathing dust. Avoid contact with eyes. Beware of slip hazard on wet surfaces. May be collected and disposed of without special measures.

## 7 – HANDLING & STORAGE

**FOR COMMERCIAL AND INDUSTRIAL USE ONLY.** Avoid contact with eyes and lungs. Avoid dust accumulation in storage. Store in dry area.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering Measures to Reduce Exposure</b>	Ventilate and filter enclosed rooms and spaces to remove dust hazard.
<b>Respiratory Protection</b>	Wear dust mask to avoid inhalation.
<b>Eye Protection</b>	Wear side-shield safety glasses or chemically resistant goggles.
<b>Hand Protection</b>	No special requirements under normal use conditions. Gloves recommended.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practices.

## 9 – PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State / Appearance</b>	Solid (powder) – Dark Grey to Black	<b>Auto-ignition Temperature</b>	452 – 518 F in flowing air
<b>Dilution pH</b>	6 to 8	<b>Odor / Taste</b>	Diatomaceous
<b>Specific Gravity</b>	1.8 - 2.1 (water = 1)	<b>Polymerization</b>	None
<b>Melting Point / Range</b>	>3550 C	<b>Corrosiveness</b>	Non-corrosive
<b>Molecular Weight</b>	12.1 g/mole	<b>Vapor Density</b>	N/A
<b>Density</b>	21.5 lb/cu ft (34.4 kg/cu m)	<b>Flash Point</b>	N/A
<b>Boiling Point / Range</b>	N/A	<b>Solubility</b>	Insoluble in cold or hot water, solvents, alcohols
<b>Decomposition Temp.</b>	Loses crystalline water and adsorbed gases at 500 - 900C (930 – 1652 F)	<b>Partition Coefficient (n-octanol / water)</b>	N/A
<b>VOC</b>	N/A	<b>Viscosity</b>	N/A

## 10 – STABILITY AND REACTIVITY

<b>Product Stability</b>	The product maintains the neutral PH of 7.
<b>Hazardous Information</b>	See Section 2.
<b>Hazardous Decomposition Products</b>	N/A

<b>Material Name:</b> BoostR™ HAZMAT – Toxic Gases, Vapors (VOCs), & Odor Remover		<b>SDS# 20220-04</b> Page 3 of 4
---	---	-------------------------------------

## 11 – TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	N/A
<b>Component Information</b>	See Section 3.
<b>Chronic Human Toxicity</b>	Prolonged exposure may affect the respiratory system.
<b>Proprietary Carbon Blend:</b>	LD50 Oral, Rat: Greater than 2000 mg/kg Adsorbs (and thus concentrates) ingested toxins on outer surfaces.
<b>Water:</b>	Oral LD50 Rat >90 mL/kg
<b>Carcinogenic Effects</b>	Proprietary Carbon Blend: ACGIH: A4 - Not Classifiable as a Human Carcinogen
<b>Mutagenic Effects</b>	N/A
<b>Target Organ Effects</b>	May cause damage to respiratory system and gastrointestinal tract through prolonged exposure.

## 12 – ECOLOGICAL INFORMATION

<b>Biodegradation</b>	The product itself is not toxic.
-----------------------	----------------------------------

## 13 – DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose according to all applicable federal, state, and local laws and regulations.

## 14 – TRANSPORTATION INFORMATION

No restrictions regarding transportation of this product.

## 15 – REGULATORY INFORMATION

<b>SARA Title III Section 302 Extremely Hazardous Substances:</b>	This product does not contain extremely hazardous material subject to reporting requirements of Section 302, Title III, Superfund Amendments and Reauthorization Act.
<b>SARA Title III Section 311 and 312 Health and Physical Hazard Categories per 40 CFR 370.2:</b>	Immediate – Yes; Delayed – Yes; Fire – Yes; Pressure – No; Reactivity - No
<b>SARA Section 313 Notification:</b>	This product does not contain toxic chemicals subject to reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
<b>TSCA:</b>	Product is listed in Initial Inventory, Vol. 1, Appendix A.
<b>CERCLA:</b>	Not a CERCLA listed hazardous substance.
<b>California Proposition 65:</b>	WARNING - This product may contain extremely small amounts of one or more naturally occurring materials known to State of California to cause cancer, birth defects or other reproductive harm.
<b>PA Special Hazardous Substances List:</b>	Regulated under PA Code Chapter 323.

<b>Material Name:</b> BoostR™ HAZMAT – Toxic Gases, Vapors (VOCs), & Odor Remover		<b>SDS# 20220-04</b> Page 4 of 4
---	---	-------------------------------------

<b>Stockholm Convention:</b>	This product is not subject to the Stockholm Convention.
<b>Montreal Protocol:</b>	This product is not subject to the Montreal Protocol.
<b>Rotterdam Convention:</b>	This product is not subject to the Rotterdam Convention.
<b>National Inventories:</b>	DSL (Canada): Listed
	NDSL (Canada): Not Listed
	PICCS (Philippines): Listed
	KECI (Korea): Listed
	ENCS (MITI) (Japan): Listed
	AICS (Australia): Listed
	IECSC (China): Listed
<b>REACH Status:</b>	Exempt (Annex v.7). Product is a naturally occurring mineral.

## 16 – OTHER INFORMATION

This Safety Data Sheet was last revised on February 3, 2023.

**Notice to Reader:** This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express, or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.

More information available at [www.kationx.com](http://www.kationx.com).