

MATERIAL NAME:
BoostR™ - HAZMAT Toxic

BoostR™

SAFETY DATA SHEET

1. IDENTIFICATION

Product Name: BoostR™ HAZMAT Toxic Gases, Vapors (VOC) & Odor Remover

SDS# 20220-04

Product Code: 20220-04

Recommended Use: HAZMAT Toxic Gases & Vapors (VOCs) Remover

Emergency Information Contact:

Kationx™ Corporation

Phone: 321-914-0722



*Designed for Wastewater Professionals
Fast Results. Ruggedly Reliable.*

Manufactured By:

Kationx™ Corporation

870 N. Miramar Ave. Ste. 228

Indialantic, FL 32903

2. HAZARDS IDENTIFICATION

	HMIS	NFPA
REACTIVITY	0	0
HEALTH	1	1
FIRE HAZARD	1	1
PPE	E	



RESPIRATORY HAZARD
DO NOT BREATH DUST

FALL HAZARD
SLIPPERY WHEN WET

3. Composition

	CAS#	EINECS	Weight	Classification
Proprietary Carbon Blend	Proprietary	Proprietary	95 to 100	Non-Toxic, flammable dust
Water	7732-18-5	215-185-5	1 to 5	Not Classified

4. FIRST - AID MEASURES

Eye Contact:	Flush immediately with plenty of water for 15 minutes. If irritation persists, get medical attention/
Inhalation:	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.
Skin Contact:	Flush immediately with water. If irritation develops, get medical attention.
Ingestion:	If swallowed, give a cupful of water or milk. If irritation develops, get medical attention
Symptoms Immediate:	Skin irritation. Eye irritation. Respiratory tract irritation.
Symptoms delayed:	Gastrointestinal effects. Respiratory tract irritation

5. FIREFIGHTING MEASURES

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

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 AND STORAGE

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

Store in dry areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

9. PHYSICAL & CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

Product Stability:	The product maintains the natural PH of 7.
Hazardous Information:	See Section 2.
Hazardous Decomposition Products:	N/A

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Biodegradation:	The product itself is not toxic.
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13. DISPOSAL CONSIDERATIONS

Waste form 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

SARA Title III 302 Extremely Hazardous Substances: This product does not contain extremely hazardous material subject to reporting requirements of Section 302, Title III, Superfund Amendments and Reauthorization Act.

SARA Title III Section 311 and 312 Health and Physical Hazard Categories per 40 CFR 370.2:

Immediate - Yes; Delayed - Yes; Fire - Yes; Pressure - No; Reactivity - No

SARA Section 313 Notification: 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.

TSCA: Product listed in initial Inventory, Vol. 1, Appendix A

CERCLA: Not a CERCLA listed hazardous substance.

California Proposition 65: 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.

PA Special Hazardous Substances List: Regulated under PA Code Chapter 323.

Stockholm Convention: This product is not subject to the Stockholm Convention.

Montreal Protocol: This product is not subject to the Montreal Protocol.

Rotterdam Convention: This product is not subject to the Rotterdam Convention

National Inventories:

- DSL (Canada): Listed
- NDSL (Canada): Not Listed
- PICCS (Philippines): Listed
- KECI (Korea): Listed
- ENCS (MITI) (Japan): Listed
- AICS (Australia): Listed
- IECSC (China): Listed
- EINECS (Europe): Listed

REACH Status: Exempt (Annex v.7). Product is a naturally occurring mineral.

16. OTHER INFORMATION

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.

BoostR™

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