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Hyginix **Tiger Carbon Remover Powder®** **SAFETY DATA SHEET**

Printed: 4/5/2021
Revision: 11/24/2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 965 Email: info@hyginix.com
Product Name: Tiger Carbon Remover Powder®
Company Name Hyginix LLC **Phone Number**
7888 Silverton Ave, Suite A (858) 566-6212
San Diego, CA 92126
Emergency Contact: (858) 566 6212

2. HAZARDS IDENTIFICATION

Eye Effect: Serious Eye Damage/Eye Irritation, Category 1
Skin Corrosion/Irritation, Category 1



GHS Signal Word:	**Warning**
GHS Hazard Phrases:	H302 - Harmful if swallowed. H316 - Causes mild skin irritation. H320 - Causes eye irritation.
GHS Precaution Phrases:	P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves/eye protection. P102 - Keep out of reach of children. P103 - Read label before use.
GHS Response Phrases:	P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P315 - Get immediate medical advice/attention. P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P315 - Get immediate medical advice/attention. P302 - IF ON SKIN: P352 - Wash with plenty of water. P332+313 - If skin irritation occurs, get medical advice/attention.
GHS Storage and Disposal Phrases:	P501 - Dispose of contents/container in accordance to local, state and federal regulations.
Potential Health Effects (Acute and Chronic):	
Skin Contact:	May cause skin irritation. Repeated or prolonged exposure may cause drying of the skin.
Eye Contact:	May cause eye irritation. May cause redness.
Ingestion:	May be harmful if swallowed. May cause gastrointestinal irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components:

Ingredient	CAS No.	Content
Sodium Carbonate	497-19-8	10 - 30%
Sodium Metasilicate	6834-92-0	10 - 30%
Phosphate	N/A	10 - 30%
Surfactant	N/A	<10%
Sulphonic Acid	25155-30-0	<10%

4. FIRST AID MEASURES

Emergency and First Aid Procedures:	
In Case of Skin Contact:	Wash with soap and water.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
In Case of Ingestion:	Do NOT induce vomiting give milk to drink.
Note to Physician:	Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash Pt:	N/A
Explosive Limits:	LEL: no data UEL: No data.
Autoignition Pt:	N/A
Suitable Extinguishing Media:	Use water fog, dry chemical, carbon dioxide, or alcohol-resistant foam.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards:	High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide.
Hazardous Combustion Products:	No data available.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures:	Use proper personal protective equipment as indicated in Section 8.
Environmental Precautions:	Observe all federal, state and local environmental regulations.
Steps to be taken in case, material is released or spilled:	Sweep up, then place into a suitable container for disposal. Avoid contact with eyes, skin, and clothing. Avoid generating dusty conditions. Ensure adequate ventilation.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:	Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Use with adequate ventilation.
Precautions To Be Taken in Storing:	Do not store in direct sunlight. Protect containers against damage. Keep container tightly closed in a dry and well-ventilated place.
Other Precautions:	Handle in accordance with good industrial hygiene and safety practice.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name (Partial)	CAS No.	OSHA TWA	ACGIH TWA	Other Limits
Sodium Carbonate	497-19-8	No data.	No data.	No data.
Sodium Metasilicate	6834-92-0	No data.	No data.	No data.
Phosphate	N/A	No data.	No data.	No data.
Surfactant	N/A	No data.	No data.	No data.
Sulphonic Acid	25155-30-0	No data.	No data.	No data.

Occupational exposure limits:	No data available
Engineering control measures:	None.
Personal Protection - eyes:	safety glasses
Personal Protection - hands:	Rubber or Neoprene gloves
Personal Protection - skin:	None
Other Protection:	No special respiratory protection equipment is required with normal use

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[ ] Gas [ ] Liquid [X] Solid
Appearance and Odor:	White. Free flowing granules.
pH 1% Solution:	9.5 - 10.5
Melting Point:	N/A
Boiling Point:	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (solid, gas):	No data available
Explosive Limits:	LEL: no data UEL: No data
Oxidizing Properties:	None
Vapor Pressure (vs. Air or mm Hg):	N/A
Vapor Density (vs. Air = 1):	N/A
Specific Gravity (Water = 1):	No data
Solubility in Water:	No data
Saturated Vapor Concentration:	N/A
Octanol/Water Partition Coefficient:	No data
Autoignition Pt:	N/A
Decomposition Temperature:	N/A
Viscosity :	N/A

10. STABILITY AND REACTIVITY

Stability:	Unstable [ ] Stable [X]
Reactivity:	High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide
Conditions to Avoid - Instability:	Incompatible materials, high temperatures and light
Incompatible - Materials to Avoid:	Strong acids
Hazardous Decomposition or Byproducts:	No data available
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions to Avoid - Hazardous Reactions:	No data available

11. TOXICOLOGICAL INFORMATION

Toxicological Information:

Epidomiology: No information found.
Teratogenicity: No information available.
Reproductive Effects: No information available.
Mutagenicity: No information available.
Neurotoxicity: Acute toxicity. No data available.
Respiratory or skin sensitization. No information available.

Irritation or Corrosion:

Other Studies: CAS# 497-19-8:
Acute toxicity, LD50, Oral, Rat, 4090 mg'kg

Other Studies: CAS# 497-19-8:
Standardized Draize Test, Skin, Species: Rabbit, 500.0mg, 24H
Standardized Draize Test, Eyes, Species: Rabbit, 100.0mg, 24H

Other Studies: CAS# 6834-92-0:
Acute toxicity, LD50, Oral, Rat 1000 mg'kg

Other Studies: CAS# 6843-92-0
Standard Draize Test, Skin, Species: Rabbit, 250.0 mg, 24H

Carcinogenicity/Other Information:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticiapted carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information available.
Physical: No information available.

CAS# 6834-92-0: Sodium metasilicate: LC50, Zebra Danio (Danio rerio), 210.0 MG/L, 96 H. Results: Loss of equilibrium.

Results of PBT and vPvB Assessment: Other Studies: CAS# 497-19-8:
LC50, Water Flea (Daphnia magna), 265,000 ug/L, 48H
LC50, Fathead Minnow (Pimephales promelas), 850,000 ug/L, 96H
LC50, Western Mosquitofish (Gambusia affinis), adult(s), 740000 ug/L, 96H

Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with FOG Tank "Drain, Clean & Fill" (BMP's) [Wall Chart Supplied with FOG Tank]

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: Not Regulated.
DOT Hazard Class:
UN/NA Number:

15. REGULATORY INFORMATION

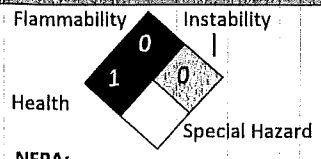
EPA SARA (superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RD	S. 313 (TRI)
497-19-8	Sodium Carbonate	No	No	No
6843-92-0	Sodium Metasilicate	No	No	No
NA	Phosphate Surfactant	No	No	No
NA		No	No	No
25155-30-0	Sulphonic Acid	No	No	No

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
497-19-8	Sodium Carbonate	TSCA: Yes - Inventory; CA PROP .65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
6834-92-0	Sodium Metasilicate	TSCA: Yes - Inventory; CA PROP .65: No; CA TAC, Title 8; No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
NA	Phosphate	TSCA: No; CA PROP .65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ; EJ EHS: No; NY Part 597: No; PA HSL: No
NA	Surfactant	TSCA: No; CA PROP .65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No
25155-30-0	Sulphonic Acid	TSCA: Yes - Inventory; CA PROP .65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No

16. OTHER INFORMATION

Revision Date: 11/24/2020
Hazard Rating System:



NFPA:

Additional Information About This Product: No data available
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