

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2020/878 and US OSHA HCS 2015

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** Z-CHARGE12
Product Name: CHARGE 12%
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | |
|--------------------------|--|---|
| Company Name: | Stoller
9090 Katy Freeway
Suite 400
Houston, TX 77024 | Phone Number:
1 (713)461-1493 |
| | United States of America | |
| Web site address: | www.stollerusa.com | |
| Email address: | compliance@stollerusa.com | |
| Information: | | 1 (800)539-5283 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|-------------------------------------|------------------|
| Emergency Contact: | CHEMTREC, In the US and Canada call | 1 (800)424-9300 |
| | CHEMTREC, From other countries call | +1 (703)527-3887 |

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture:

- Acute Toxicity: Oral, Category 4**
Acute Toxicity: Skin, Category 5

2.2 Label Elements:



GHS Signal Word: **Warning**

Hazard-determining components of labelling:

GHS Hazard Phrases:

- H302 - Harmful if swallowed.
H313 - May be harmful in contact with skin.
H320 - Causes eye irritation.

GHS Precautionary Phrases:

- P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:

- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P330 - Rinse mouth.

GHS Storage and Disposal Phrases:

- P501 - Dispose of contents/container to permitted waste facility.

UFI:

2.3 Adverse Human Health

Effects and Symptoms:

- 2.3.1 Inhalation:** May be harmful if inhaled.
- 2.3.2 Skin Contact:** May be irritating.
- 2.3.3 Eye Contact:** May cause eye irritation.
- 2.3.4 Ingestion:** May be harmful if swallowed.

Section 3. Composition/Information on Ingredients

CAS # / RTECS #	Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
68514-28-3 NA	Humic acids, potassium salts 01-2119484861-29	<15.0 %	271-030-1 NA	No GHS classifications apply.
7732-18-5 ZC0110000	Water na	<90.0 %	231-791-2 NA	No GHS classifications apply.

Section 4. First Aid Measures

4.1 Description of First Aid

Measures:

- In Case of Inhalation:** Seek fresh air, wash out mouth with water and blow nose thoroughly.
- In Case of Skin Contact:** Wash skin with water. Remove contaminated clothing.
- In Case of Eye Contact:** Flush with water (preferably using eyewash equipment) until irritation subsides. Seek medical advice if symptoms persist.
- In Case of Ingestion:** Wash mouth out with water.
- Note for the Doctor:** Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: Not applicable.

Media:

Unsuitable Extinguishing Media: Not applicable.

5.2 Flammable Properties and Hazards: Not applicable.

Hazardous Combustion Products: Not applicable.

Flash Pt:

No data.

Explosive Limits:

LEL: No data.

UEL: No data.

Autoignition Pt:

No data.

5.3 Fire Fighting Instructions: Not applicable.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions,** No data available.
Protective Equipment and Emergency Procedures:
- 6.2 Environmental Precautions:** Avoid unnecessary release to the environment. Prevent spillage from entering drains and/or surface water.
- 6.3 Methods and Material For Containment and Cleaning Up:** No data available.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** No special requirements. Avoid contact with skin and eyes.
- 7.2 Precautions To Be Taken in Storing:** Store in an area with secondary containment.

Section 8. Exposure Controls/Personal Protection

- 8.1 Exposure Parameters:**
- 8.2 Exposure Controls:**
- 8.2.1 Engineering Controls (Ventilation etc.):** No data available.
- 8.2.2 Personal protection equipment:**
- Eye Protection:** Wear safety glasses with splash shields or safety goggles/shields.
- Protective Gloves:** Wear gloves.
- Other Protective Clothing:** Clothes to prevent skin contact.
- Respiratory Equipment (Specify Type):** Not required.
- 8.2.3 Environmental Exposure Controls:** Not applicable.
- Exposure Scenarios:** No data available.

Section 9. Physical and Chemical Properties

- 9.1 Information on Basic Physical and Chemical Properties**
- Physical States:** [] Gas [X] Liquid [] Solid
- Appearance and Odor:** Opaque, dark brown to black color. Mild, characteristic odor.
- pH:** 8.5 - 10.5
- Melting Point:** No data.
- Boiling Point:** No data.
- Flash Pt:** No data.
- Evaporation Rate:** No data.
- Saturated Vapor Concentration:** No data.

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Specific Gravity (Water = 1): 1.07 - 1.11

Density: ~ 1.0905 G/ML (~ 9.1 - LB/GA)

Solubility in Water: No data.

Octanol/Water Partition Coefficient: No data.

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.

9.2 Other Information

9.2.1 Information with regard to physical hazard classes

Information with regard to primary physical hazard:

9.2.2 Other safety characteristics

Section 10. Stability and Reactivity

10.1 Reactivity: Not applicable.

10.2 Stability: Unstable [] Stable [X]

10.3 Conditions To Avoid - Hazardous Reactions: Not applicable.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

10.4 Conditions To Avoid - Instability: Not applicable.

10.5 Incompatibility - Materials To Avoid: Not applicable.

10.6 Hazardous Decomposition or Byproducts: Not applicable.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects:	Not applicable.		
Irritation or Corrosion:	Not applicable.		
Symptoms related to Toxicological Characteristics:	Not applicable.		
Sensitization:	Not known.		
Chronic Toxicological Effects:	Not applicable.		
Carcinogenicity/Other Information:	Not known.		
Carcinogenicity:	NTP? Unknown	IARC Monographs? Unknown	OSHA Regulated? Unknown
11.2 Information on other hazards:	No data available.		

Section 12. Ecological Information

12.1 Toxicity:	No data available.
12.2 Persistence and Degradability:	Potentially degradable.
12.3 Bioaccumulative Potential:	None known.
12.4 Mobility in Soil:	No data available.
12.5 Results of PBT and vPvB assessment:	No data available.
12.6 Endocrine disrupting properties:	No data available.
12.7 Other adverse effects:	No data available.

Section 13. Disposal Considerations

13.1 Waste Disposal Method:	Dispose of contents/container to treatment at a permitted facility or as advised by your local regulatory authority.
------------------------------------	--

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):	
DOT Proper Shipping Name:	Not Regulated. Trade Name: CHARGE 12%
DOT Hazard Class:	
UN/NA Number:	
14.1 LAND TRANSPORT (European ADR/RID):	
ADR/RID Shipping Name:	Not Regulated. Trade Name: CHARGE 12%
UN Number:	
Hazard Class:	

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated. Trade Name: CHARGE 12%
UN Number: **Packing Group:**
Hazard Class:

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated. Trade Name: CHARGE 12%
UN Number: **Packing Group:**
Hazard Class:

Additional Transport Information: DOT Class 55 Lignin Pitch - Harmonized Tariff Code for US:3804.00.1000-0.

Section 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

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

CAS #	Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68514-28-3	Humic acids, potassium salts	No	No	No
7732-18-5	Water	No	No	No

Regulatory Information: TSCA Inventory: In compliance with inventory requirements for commercial purposes.

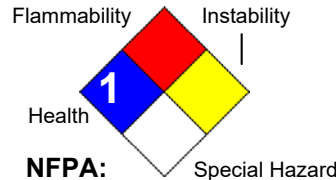
15.2 Chemical Safety

Assessment:

Section 16. Other Information

Revision Date: 10/24/2023

Hazard Rating System:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

Stoller believes the information contained in this Safety Data Sheet is accurate based on the information provided by reputable suppliers of our raw materials. However, Stoller does not guarantee their accuracy or completeness. The information contained herein is furnished without warranty of any kind, whether expressed or implied, as to the safety of the goods, the merchantability of the goods, or the fitness of the goods for any particular purpose. Users should consider these data only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers. Stoller assumes no responsibility for results obtained or for incidental or consequential damages arising from the use of goods and data.