MasterBlend Crystal Defoamer

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: MasterBlend Crystal Defoamer
Common Name: Crystal Defoamer
SDS Number: 02-040427
Revision Date: 1/3/2024
Version: 2
Internal ID: X780052
Product Use: Premium Powder Defoamer

Supplier Details: MasterBlend Indiana LLC
4345 W. 96th St
Indianapolis, IN 46268

Phone: (800) 525-9644
Email: info@masterblend.net
Web: www.masterblend.net
Emergency: INFOTRAC (800) 535-5053 (USA and Canada); +1 (352) 323-3500 (International)

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word:

GHS Hazard Pictograms:
No GHS pictograms indicated for this product

GHS Hazard Statements:
No GHS hazards statements indicated

GHS Precautionary Statements:
P273 - Avoid release to the environment.
P391 - Collect spillage.
P501 - Dispose of contents/ container to an approved waste disposal plant.

3 COMPOSITION/INFORMATION OF INGREDIENTS

This material is not considered hazardous by 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Chemical Ingredients

CAS#	%	Chemical Name
7647-14-5	>90%	Sodium Chloride
7757-82-6	5-15%	Sulfuric acid disodium salt
63148-62-9	.5-2%	Siloxanes and Silicones, di-Me

This product contains no substances, which at their given concentration, are considered to be hazardous to health.

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, obtain medical attention.
Skin Contact: Brush off loose particles from skin- Rinse skin with water
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, removing contacts, if present, and lifting eyelids occasionally to facilitate irrigation. Seek medical attention if irritation persists
Ingestion: Do not induce vomiting unless directed by a physician. Rinse mouth with water. Drink large quantities of water if person is conscious and alert. Never give water to an unconscious person.

5 FIRE FIGHTING MEASURES

Use water spray, fog, carbon dioxide (CO2), foam or dry chemical.
Do not use water jet
Hazardous Combustion Products:
nitrogen oxides (NOx), carbon monoxide (CO), carbon dioxide (CO2)

Depostited combustible dust has considerable explosion potential.

6 ACCIDENTAL RELEASE MEASURES

Use personal protective equipment. Ventilate area and wash spill site after material pickup is complete.
Keep away from drains and ground water.

Waste Disposal Method
Dispose of in accordance with local, state and federal regulations.

7 HANDLING AND STORAGE

Handling Precautions: **Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautonary measures against static discharge.**

Do not eat, drink or smoke when using this product

Wash hands after handling this product

Storage Requirements: **Keep in a cool ventilated area. Keep container tightly closed. Keep out of reach of children**

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: **Sodium Chloride cas#:(7647-14-5) [90] : No data.**

Sulfuric acid disodium salt cas#:(7757-82-6) [515] : No data.

Siloxanes and Silicones, di-Me cas#:(63148-62-9) [.52] : No data.

Personal Protective Equipment: **Sodium Chloride cas#:(7647-14-5) [90]**
Sulfuric acid disodium salt cas#:(7757-82-6) [515]
Siloxanes and Silicones, di-Me cas#:(63148-62-9) [.52]

Personal protective equipment

Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Wear eye/face protection

Respiratory protection: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Do not let product enter drains.

Sodium Chloride cas#:(7647-14-5) [90] : No data.

Sulfuric acid disodium salt cas#:(7757-82-6) [515] : No data.

Siloxanes and Silicones, di-Me cas#:(63148-62-9) [.52] : No data.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	**Various colors**		
Physical State:	**Solid**	**Odor:**	**No data available**
Odor Threshold:	**No data available**	**Solubility:**	**No data available**
Spec Grav./Density:	**No data available**	**Freezing/Melting Pt.:**	**No data available**
Viscosity:	**No data available**	**Flash Point:**	**No data available**
Boiling Point:	**No data available**	**Vapor Density:**	**No data available**
Partition Coefficient:	**No data available**	**Auto-Ignition Temp:**	**> 400°C**
Vapor Pressure:	**No data available**	**UFL / LFL:**	**No data available**
pH:	**8 (1% solution)**		
Evap. Rate:	**No data available**		
Decomp Temp:	**No data available**		

10 STABILITY AND REACTIVITY

Reactivity:	**None under normal processing**
Chemical Stability:	**Product is stable under normal conditions.**
Conditions to Avoid:	**No information available**
Materials to Avoid:	**None known based on the information provided**
Hazardous Decomposition:	**None known based on information provided**
Hazardous Polymerization:	**Not Known**

11 TOXICOLOGICAL INFORMATION

Sodium Chloride cas#:(7647-14-5) [90]

Information on toxicological effects

Acute toxicity:
LD50 Oral - rat - 3,550 mg/kg
LC50 Inhalation - rat - 1 h - > 42,000 mg/m3
LD50 Dermal - rabbit - > 10,000 mg/kg
no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential 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 anticipated 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.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: VZ4725000

Vomiting, Diarrhoea, Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract.

Sulfuric acid disodium salt cas#:(7757-82-6) [515]

Information on toxicological effects

Acute toxicity:
LD50 Oral - mouse - 5,989 mg/kg
Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential 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 anticipated 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.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: WE1650000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Siloxanes and Silicones, di-Me cas#:(63148-62-9) [.52]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Mild eye irritation - 24 h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or

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

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: JT6485000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12	ECOLOGICAL INFORMATION

Sodium Chloride cas#:(7647-14-5) [90]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - Lepomis macrochirus (Bluegill) - 5,840 mg/l - 96 h.
Toxicity to daphnia and NOEC - Daphnia - 1,500 mg/l - 7 d.
other aquatic invertebrates
LC50 - Daphnia magna (Water flea) - 1,661 mg/l - 48 h

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

Sulfuric acid disodium salt cas#:(7757-82-6) [515]

Information on ecological effects

Toxicity:
Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 120 mg/l - 96 h.
LC50 - Lepomis macrochirus - 4,380 mg/l - 96 h
Toxicity to daphnia and Immobilization EC50 - Daphnia - 3,150.21 mg/l - 48 h.
other aquatic invertebrates

Persistence and degradability: The methods for determining biodegradability are not applicable to inorganic substances.

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

Siloxanes and Silicones, di-Me cas#:(63148-62-9) [.52]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

14 TRANSPORT INFORMATION

Not Regulated

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[>90%] Sodium Chloride (7647-14-5) TSCA, TSCAACTV

[5-15%] Sulfuric acid disodium salt (7757-82-6) TSCA, TSCAACTV

[.5-2%] Siloxanes and Silicones, di-Me (63148-62-9) TSCA, TSCAACTV

All ingredients for this product are listed or are exempt or excluded from being listed on the TSCA inventory.
SARA Title III chemicals: This product does not contain any chemicals which are subject to the reporting requirements.
California Prop 65 chemicals: None Known
CERCLA reportable quantity: This product, as supplied, does not contain any substances regulated as hazardous sustances under the Compehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).
RCRA hazardous waste no: N/A

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend

TSCA = Toxic Substances Control Act
TSCAACTV = TSCA Active Chemicals

16 OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guide 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 other process, unless specified in the text.

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