



Safety Data Sheet

GHS Compliant

SDS No. MFGA

Section 1 - Identification

- 1.1 Product Identifier:** Gelling Agent
- 1.2 General Use:** Latex Additive
- 1.3 Manufacturer:** The Monster Makers, Inc.,
13597 West Parkway Rd., Cleveland, OH 44135
Phone: (216) 671-8700
sales@monstermakers.com
- 1.4 Emergency Contact:** Chem-Tel
Domestic: 800-255-3924 International 813-248-0585

Section 2 - Hazards

- 2.1 Classification of the substance or mixture:**

OSHA Regulatory Status:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

- 2.2 GHS Label elements, including precautionary statements**

Pictograms:



Signal Word: Danger

Hazard statements

Harmful if swallowed
Harmful in contact with skin
Harmful if inhaled
May cause cancer

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
Specific treatment (see .? on this label)
IF ON SKIN: Wash with plenty of soap and water



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Call a POISON CENTER or doctor/physician if you feel unwell
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

Precautionary Statements - Storage Store locked up
Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC) or not covered by GHS

Section 3 - Composition / Information on Ingredients

3.1 Substances

| Chemical Name | CAS NO. | Weight-% | Trade Secret |
|-----------------------------|------------|----------|--------------|
| Sodium silicofluoride | 16893-85-9 | 20-30 | * |
| Hydrous Silicate of Alumina | 1302-78-9 | 0-4 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Non-hazardous ingredients are proprietary and comprise the balance of the formulation.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove to fresh air. If breathing is difficult seek medical attention.
Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact: Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Ingestion: If on skin: Wash with plenty of water.

4.2 Most important symptoms and effects, both acute and delayed:

May cause irritation to skin and eyes.

4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to physicians: Treat symptomatically

Section 5 - Fire-Fighting Measures

5.1 Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture:



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The product causes irritation of eyes, skin and mucous membranes

Hazardous combustion products: Hydrogen fluoride. Nitrogen oxides (NOx). Hydrofluoric acid. Fluorine.

Explosion data

Sensitivity to Mechanical Impact: N/A

Sensitivity to Static Discharge: N/A

5.3 Advice for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures:

Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions:

See Section 12 for additional ecological information.

6.3 Methods and materials for containment and cleaning up:

Containment: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

6.4 Reference to other sections: Sweep, vacuum, or shovel into appropriate container

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Use personal protection recommended in Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep containers tightly closed in a cool, dry area. Protect from freezing.

Incompatible materials: Strong acids. Strong bases.

Section 8 – Exposure Controls / Personal Protection

8.1 Control Parameters:

Exposure Limits

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------------------|------------------------------|--|------------------------------|
| Sodium silicofluoride 16893-85-9 | TWA: 2.5 mg/m ³ F | TWA: 2.5 mg/m ³ F TWA: 2.5 mg/m ³ F dust (vacated) TWA: 2.5 mg/m ³ F | TWA: 2.5 mg/m ³ F |



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| | | | |
|---------------------------------------|----------------------------------|---|---|
| Hydrous Silicate of Alumina 1302-78-9 | TWA: 1 mg/m3 respirable fraction | - | - |
|---------------------------------------|----------------------------------|---|---|

- 8.2 Exposure controls:** Showers
 Eyewash stations
 Ventilation systems
- Respiratory Protections:** In case of inadequate ventilation wear respiratory protection.
- Hand Protection:** Wear protective gloves and protective clothing.
- Eye Protection:** Wear safety glasses with side shields (or goggles).
- Other Protective Clothing/Equipment:**
 Handle in accordance with good industrial hygiene and safety practice.

Comments:

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

| | |
|---|--|
| Appearance: Liquid, aqueous solution. Light gray to tan Odor/Threshold: None pH: 4.5-5.5 Melting Point/Freezing Point: 0C 32F Low/High Boiling Point: 100C Flash point: N/A Evaporation Rate: N/A Flammability: N/A UEL/LEL | Vapor Pressure: N/A Vapor Density (Air=1): N/A Specific Gravity (H2O=1, at 4C): N/A Water Solubility: Miscible in water Partition Coefficient: N/A Auto-Ignition Temperature: N/A Decomposition Temperature: N/A Viscosity: N/A % Volatile: N/A |
|---|--|

Section 10 - Stability and Reactivity

- 10.1 Reactivity:** N/A
- 10.2 Chemical Stability:** Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions:** None under normal processing.
- 10.4 Conditions to avoid:** Extremes of temperature and direct sunlight.
- 105. Incompatible Materials:** Strong acids. Strong bases.
- 10.6 Hazardous Decomposition Products:**
 Hydrogen fluoride. Nitrogen oxides (NOx). Hydrofluoric acid. Fluorine.

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

- Skin Corrosion/Irritation:** N/A
- Serious Eye Damage/Irritation:** N/A

| | | | |
|----------------------|------------------|--------------------|------------------------|
| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|----------------------|------------------|--------------------|------------------------|



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|--|--------------------|---|---|
| Sodium silicofluoride 16893-85-9 | =125 mg/kg (Rat) | - | - |
| Hydrous Silicate of Alumina 1302-78-9 | > 5000 mg/kg (Rat) | - | - |

Respiratory/Skin Sensitization: N/A

Germ Cell Mutagenicity: N/A

Carcinogenicity: N/A

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|-------------------------------------|-------|---------|-----|------|
| Sodium Silicofluoride 16893-85-9 | - | Group 3 | - | X |

Reproductive Toxicity: N/A

Specific Target Organ Toxicity - Single Exposure: N/A

Specific Target Organ Toxicity - Repeated Exposure: N/A

Aspiration Hazard: N/A

Acute Toxicity: N/A

Chronic Exposure: N/A

Potential Health Effects - Miscellaneous:

Section 12 - Ecological Information

12.1 Toxicity:

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name | Algae/Aquatic Plants | Fish | Crustacea |
|--|-------------------------|--|-----------|
| Sodium Silicofluoride 16893-85-9 | - | 65: 96 Poecilia reticulata mg/L LC50 static | - |
| Hydrous Silicate of Alumina 1302-78-9 | - | 8.0 - 19.0: 96 h Salmo gairdneri g/L LC50 19000: 96 h Oncorhynchus mykiss mg/L LC50 static | - |

12.2 Persistence and Degradability: N/A

12.3 Bioaccumulative Potential: N/A

12.4 Mobility in Soil: N/A

12.5 Results of PBT and vPvB assessment: N/A

12.6 Other Adverse Effects: N/A

13 - Disposal Considerations

13.1 Waste Treatment Methods:

Disposal of wastes: Dispose of in accordance with federal, state and local regulations.

Contaminated packaging: Do not reuse container.

| Chemical Name | California Hazardous Waste Status |
|-----------------------|-----------------------------------|
| Sodium silicofluoride | Toxic |



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| | |
|------------|--|
| 16893-85-9 | |
|------------|--|

Section 14 - Transport Information

DOT

UN/ID no. UN3287
Proper shipping name Toxic Liquid, inorganic, n.o.s. (Sodium Fluorosilicate)
Hazard Class 6.1
Packing Group III

IATA

UN/ID no. UN3287
Proper shipping name Toxic Liquid, inorganic, n.o.s. (Sodium Fluorosilicate)
Hazard Class 6.1
Packing Group III

IMDG

UN/ID no. UN3287
Proper shipping name Toxic Liquid, inorganic, n.o.s. (Sodium Fluorosilicate)
Hazard Class 6.1
Packing Group III

Section 15 - Regulatory Information

15.1 Safety Health and environmental regulation/legislation specific for the substance or mixture:

International Inventories

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a toxic chemical in excess of 1% of the mixture (0.1% if a listed carcinogen) and



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is not subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute health hazard Yes

Chronic Health Hazard Yes

Fire hazard No

Sudden release of pressure hazard No

Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------------|-------------------|----------------------|---------------------|
| Sodium silicofluoride 16893-85-9 | X | X | - |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable



Section 16 - Other Information

| HMIS | |
|------|---|
| H | 2 |
| F | 0 |
| R | 0 |



NFPA

SDS Version: 2

Date Prepared: 6/23/18

Glossary: ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CASChemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIPChemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRAEmergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQTexas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer: The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of The Monster Makers, Inc. regardless of the legal theory advanced, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use. This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the



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Council of 18 December 2006 (REACH). Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.