

SAFETY DATA SHEET

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Revision Number 1



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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name Thermafuse Volumizing Conditioner

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Conditioner

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Grayson O Company

Supplier Address PO Box 278
Kannapolis
NC
28082
US

Supplier Phone Number Phone: 704-932-6195

Supplier Email Mark.ragan@go-labs.com

Emergency telephone number 704-932-6195

Company Emergency Phone Number 704-932-6195

2. HAZARDS IDENTIFICATION

Classification

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

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |



Skin sensitization

Category 1

GHS Label elements, including precautionary statements**Emergency Overview****Signal word****Warning****Hazard Statements**

Causes skin irritation

Causes serious eye irritation

May cause an allergic skin reaction

**Appearance** White/Opaque**Physical state** Cream/ Lotion Liquid**Odor** Fresh Melon**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Wear eye/face protection

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Skin

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Storage

None

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

No data available

Other information

Toxic to aquatic life with long lasting effects

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% | Trade Secret |
|----------------------|-------------|----------|--------------|
| Polyquaternium - 55 | 306769-73-3 | * | * |
| Cetyl alcohol | 36653-82-4 | * | * |
| Stearyl alcohol | 112-92-5 | * | * |
| Glycerin | 56-81-5 | * | * |
| Sodium Benzoate | 532-32-1 | * | * |
| Potassium sorbate | 24634-61-5 | * | * |
| Cetrimonium chloride | 112-02-7 | * | * |
| Ethanol | 64-17-5 | * | * |
| Polyquaternium - 69 | 748809-45-2 | * | * |
| Propylene Glycol | 57-55-6 | * | * |
| Cyclotetrasiloxane | 556-67-2 | * | * |
| Cetearyl Alcohol | 67762-30-5 | * | * |

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

4. FIRST AID MEASURES

First aid measures

General Advice

Show this safety data sheet to the doctor in attendance.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Skin contact

Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Inhalation

Remove to fresh air. Get medical attention immediately if symptoms occur.

Ingestion

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

Self-protection of the first aider

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects Burning sensation. Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

Notes to Physician May cause sensitization of susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code

Sensitizer: Liquid

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

Incompatible Products Strong acids. Strong oxidizing agents. Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------|-----------|--|------------|
| Glycerin 56-81-5 | | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction | |

| | | | |
|-----------------------------|--------------------------------|--|---|
| Propylene Glycol 57-55-6 | TWA: 10 mg/m ³ mist | TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction | * |
| | * | TWA: 10 ppm | * |

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls**Engineering Measures**

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment**Eye/face protection**

If splashes are likely to occur: Wear safety glasses with side shields (or goggles). None required for consumer use.

Skin and body protection

Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | | | |
|-------------------------------|----------------------|-----------------------|--------------------------|
| Physical state | Liquid | Odor | Pleasant/Manly |
| Appearance | Opaque | Odor Threshold | No information available |
| Color | White | | |
| <u>Property</u> | <u>Values</u> | <u>Remarks</u> | <u>Method</u> |
| pH | 4.92 | | |
| Melting / freezing point | No data available | None known | |
| Boiling point / boiling range | No data available | None known | |
| Flash Point | No data available | None known | |
| Evaporation Rate | No data available | None known | |
| Flammability (solid, gas) | No data available | None known | |
| Flammability Limit in Air | | | |
| Upper flammability limit | No data available | | |
| Lower flammability limit | No data available | | |
| Vapor pressure | No data available | None known | |
| Vapor density | No data available | None known | |
| Specific Gravity | 0.960 | | |
| Water Solubility | Soluble in water | | |



| | | |
|---|-------------------|------------|
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Explosive properties | No data available | |
| Oxidizing properties | No data available | |

Other Information

| | |
|-----------------------------------|-------------------|
| Softening Point | No data available |
| VOC Content (%) | Not Applicable |
| Particle Size | No data available |
| Particle Size Distribution | |

10. STABILITY AND REACTIVITY**Reactivity**

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

None known based on information supplied.

Incompatible materials

Strong acids. Strong oxidizing agents. Strong bases.

Hazardous Decomposition Products

Carbon oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

| | |
|---------------------|---|
| Inhalation | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. |
| Eye contact | Specific test data for the substance or mixture is not available. (based on components). May cause redness, itching, and pain. Causes serious eye irritation. |
| Skin contact | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Prolonged contact may cause redness and irritation. |
| Ingestion | Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------------|---------------------|-----------------------|--------------------------------------|
| Behentrimonium Chloride 17301-53-0 | > 2000 mg/kg (Rat) | * | * |
| Cetearyl alcohol 67762-30-5 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | * |
| Cetrimonium chloride 112-02-7 | = 1290 mg/kg (Rat) | = 4171 mg/kg (Rabbit) | * |
| Cyclotetrasiloxane 556-67-2 | > 5000 mg/kg (Rat) | > 2400 mg/kg (Rat) | > 12.1 mg/l (Rat) = 36 mg/l (Rat) |
| Propylene Glycol 57-55-6 | >20,000 mg/kg (Rat) | >2000 mg/kg (Rabbit) | 2h, Aerosol, rabbit 317.042 mg/L |
| Diazolidinyl Urea 78491-02-8 | *>2,000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | * |

Information on toxicological effects

Symptoms Erythema (skin redness). May cause redness and tearing of the eyes. Itching. Rashes. Hives.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects No information available.

Carcinogenicity Contains no ingredient listed as a carcinogen.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity No known effect based on information supplied.

Target Organ Effects Respiratory system. Eyes. Skin. Kidney.

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)
Not Determined

ATEmix (dermal)
Not Determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---------------------------------------|---|---|-------------------------------------|---|
| Behentrimonium Chloride 17301-53-0 | 72h EC50: mg/L (Algae) | 96h EC50: <1 mg/L Brachydanio Rerio (Zebrafish) | EC50= 54mg/L <0.5h (bacteria) | * |
| Glycerin 56-81-5 | | 96h LC50: 51-57 mL/L Oncorhynchus Mykiss (Rainbow Trout) | * | * |
| Cetearyl alcohol 67762-30-5 | * | 96h LC50: > 1000 mg/L (Freshwater Fish) | 48h EC50: > 1000 mg/L (bacteria) | 48h EC50: > 1000 mg/L (Invertebrate) |
| Cetrimonium chloride 112-02-7 | * | 96h LC50: 0.7 - 1 mg/L (Zebra Fish) 96h LC50: 0.1 mg/L Lepomis macrochirus (Bluegill sunfish) | * | 48h EC50: 0.01 mg/L |
| Diazolidinyl Urea 78491-02-8 | 72h EC50: 5.8 mg/L (Selenastrum capricornutum) | 96h LC50 >100 mg/L | * | 48h EC50: > 58 mg/L |

Persistence and Degradability

532-32-1 Sodium benzoate:

OECD 301 B CO₂-Evolution > 70%
(Activated Sludge) readily biodegradable.

24634-61-5 potassium sorbate

OECD 301D Closed-Bottle-Test
= 74.9% (Activated Sludge)
(Geschlossener Flaschentest)
REACH-dossier; Read-Across from sorbic acid

Bioaccumulation

| Chemical Name | Pow |
|---------------------|-------|
| Glycerin 56-81-5 | -1.76 |

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 561

14. TRANSPORT INFORMATION

| | |
|-----------------------------|---------------|
| <u>DOT</u> | NOT REGULATED |
| Proper Shipping Name | NON REGULATED |
| Hazard Class | N/A |

| | |
|-------------------|---------------|
| <u>TDG</u> | Not regulated |
|-------------------|---------------|

| | |
|-------------------|---------------|
| <u>MEX</u> | Not regulated |
|-------------------|---------------|

| | |
|--------------------|---------------|
| <u>ICAO</u> | Not regulated |
|--------------------|---------------|

| | |
|-----------------------------|---------------|
| <u>IATA</u> | Not regulated |
| Proper Shipping Name | NON REGULATED |
| Hazard Class | N/A |

| | |
|------------------------|---------------|
| <u>IMDG/IMO</u> | Not regulated |
| Hazard Class | N/A |

| | |
|-------------------|---------------|
| <u>RID</u> | Not regulated |
|-------------------|---------------|

| | |
|-------------------|---------------|
| <u>ADR</u> | Not regulated |
|-------------------|---------------|

| | |
|-------------------|---------------|
| <u>ADN</u> | Not regulated |
|-------------------|---------------|

15. REGULATORY INFORMATION

International Inventories

| | |
|------|--|
| TSCA | Complies |
| DSL | All components are listed either on the DSL or NDSL. |

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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 any chemicals which are 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 | No |
| 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

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|---------------------|------------|---------------|--------------|--------------|----------|
| Glycerin 56-81-5 | X | X | X | X | X |

International Regulations**Mexico****National occupational exposure limits**

| Component | Carcinogen Status | Exposure Limits |
|---------------------|-------------------|--------------------------------|
| Glycerin 56-81-5 | - | 10mg/m ³ (mist) TWA |

Mexico - Occupational Exposure Limits - Carcinogens

Canada**WHMIS Hazard Class**

Not determined

16. OTHER INFORMATION

| | | | | |
|------|------------------|----------------|-------------------|---------------------------------|
| NFPA | Health Hazards 2 | Flammability 1 | Instability 0 | Physical and Chemical Hazards - |
| HMIS | Health Hazards 2 | Flammability 1 | Physical Hazard 0 | Personal Protection X |

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Disclaimer

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

End of Safety Data Sheet