



SAFETY DATA SHEET

Issuing Date 13-May-2014

Revision Date 15-Jun-2016

Revision Number 1

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

GHS product identifier

Product Name Foamy Red Baron

Other means of identification

Product Code(s) 1025

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use All-purpose cleaner

Uses advised against No information available

Supplier's details

Supplier Address
Sunburst Chemicals, Inc.
220 W. 86th St.
Bloomington, MN 55420
TEL: 952-884-3144

Emergency Telephone Number 1-866-303-6943

2. HAZARDS IDENTIFICATION

Classification

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

PRODUCT AS SOLD

| | |
|-----------------------------------|------------|
| Acute Oral Toxicity | Category 4 |
| Skin Corrosion/Irritation | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2 |

PRODUCT AT USE DILUTION

| | |
|-----------------------------------|------------|
| Acute Oral Toxicity | Category 4 |
| Skin Corrosion/Irritation | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2 |

GHS Label elements, including precautionary statements

Emergency Overview

PRODUCT AS SOLD

| | |
|---|----------------|
| Signal Word | Warning |
| Hazard Statements | |
| <ul style="list-style-type: none">• Harmful if swallowed• Causes skin irritation• Causes serious eye damage | |



Appearance Red

Physical State Liquid

Odor Oily

Precautionary Statements

Prevention

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use personal protective equipment as required
- Avoid breathing dust/fume/gas/mist/vapors/spray

General Advice

- IF exposed or concerned: Get medical attention/advice

Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- Immediately call a POISON CENTER or doctor/physician.

Skin

- IF ON SKIN: Wash with plenty of soap and water
- Take off contaminated clothing and wash before reuse
- If skin irritation occurs: Get medical advice/attention

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth

Storage

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed

Disposal

- Dispose of contents/container to an approved waste disposal plant

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Harmful to aquatic life with long lasting effects

PRODUCT AT USE DILUTION

Signal Word

Warning

Hazard Statements

- Harmful if swallowed
- Causes skin irritation
- Causes serious eye damage



Appearance Colorless **Physical State** Liquid **Odor** None

Precautionary Statements

Prevention

- Wash face, hands and any exposed skin thoroughly after handling
- Do not eat, drink or smoke when using this product
- Use personal protective equipment as required
- Avoid breathing dust/fume/gas/mist/vapors/spray

General Advice

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Ingestion

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- Rinse mouth

Storage

- Store locked up
- Store in a well-ventilated place. Keep container tightly closed

Disposal

- Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT AS SOLD

| Chemical Name | CAS-No | Weight % | Trade secret |
|--|-----------|----------|--------------|
| Oleic Acid | 112-80-1 | 1 - 10 | * |
| Tetrasodium ethylenediamine tetraacetate | 64-02-8 | 1 - 10 | * |
| 2-Butoxyethanol | 111-76-2 | 1 - 10 | * |
| Nonylphenol Ethoxylate | 9016-45-9 | 1 - 10 | * |
| Monoethanolamine | 141-43-5 | 1 - 5 | * |

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

PRODUCT AT USE DILUTION
 Contains ingredients listed above at weight % less than 0.5%

4. FIRST AID MEASURES

PRODUCT AS SOLD

Description of necessary first-aid measures

| | |
|---------------------|--|
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice. |
| Skin Contact | Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician. |
| Inhalation | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician. |
| Ingestion | Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. |

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

| PRODUCT AT USE DILUTION | |
|--------------------------------|--|
| Eye Contact | Rinse immediately with plenty of water, also under the eye lids, for at least 15 minutes. Seek immediate medical attention / advice. |
| Skin Contact | Wash off with warm water and soap. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician. |
| Inhalation | Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician. |
| Ingestion | Do NOT induct vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. |

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water. Carbon dioxide (CO₂). Dry chemical.

Unsuitable Extinguishing Media None

Specific Hazards Arising from the Chemical

No information available

Explosion Data

| | |
|---|------|
| Sensitivity to Mechanical Impact | None |
| Sensitivity to Static Discharge | None |

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

PRODUCT AS SOLD

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Ensure adequate ventilation. Use personal protective equipment. If spilled, take caution, as material can cause surfaces to become very slippery.

Environmental Precautions

Environmental Precautions Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological Information. Dispose of contents/container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up Collect and reuse if possible. Following product recovery, flush area with water.

| PRODUCT AT USE DILUTION | |
|--|--|
| Personal Precautions | Avoid contact with skin, eyes and clothing. Do not breathe spray mist. Ensure adequate ventilation. Use personal protective equipment. Solution can cause surfaces to become slippery. |
| Environmental Precautions | Avoid release to the environment. Rinse or mop up use solutions. Solutions may be flushed down sanitary sewer drains. |
| Methods and materials for containment and cleaning up | |
| Methods for Containment | Prevent solutions from spillage. |
| Methods for Cleaning Up | Flush area with water. |

7. HANDLING AND STORAGE

PRODUCT AS SOLD

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Keep container closed when not in use. Keep out of the reach of children.

Incompatible Products None known based on information supplied.

| PRODUCT AT USE DILUTION | |
|------------------------------------|---|
| Advice on safe handling | Do not ingest. Do not get in eyes, on skin or on clothing. Do not breathe mist. Use only with adequate ventilation. Wash hands thoroughly after handling. |
| Conditions for safe storage | Keep out of reach of children. Store in suitable labeled containers. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters
Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|------------------|--------------------------|----------------------------|------------|
| Monoethanolamine | STEL: 6 ppm TWA: 3ppm | TWA: 3 ppm TWA: 6 mg/m3 | - |

Appropriate engineering controls

Engineering Measures Eyewash stations
 Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles.

| | |
|---------------------------------|--|
| Skin and Body Protection | Rubber or vinyl gloves recommended when handling solid chemicals. |
| Respiratory Protection | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. |
| Hygiene Measures | Wash thoroughly after handling. |

9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT AS SOLD

Information on basic physical and chemical properties

| | | | |
|-----------------------|--------|-----------------------|--------------------------|
| Physical State | Liquid | Appearance | Red |
| Odor | Oily | Odor Threshold | No information available |

| <u>Property</u> | <u>Values for Product as Sold</u> | <u>Values for Product at Use Dilution</u> |
|--|-----------------------------------|---|
| pH , Use Solution | 10.0 – 11.0 | 9.0 – 10.0 |
| Melting Point/Range | 60 °C / 140 °F | |
| Boiling Point/Boiling Range | None | |
| Flash Point | None. | |
| Evaporation rate | No data available | Physical State – Liquid |
| Flammability (solid, gas) | No data available | Odor – None |
| Flammability Limits in Air | | Appearance - Colorless |
| upper flammability limit | No data available | |
| lower flammability limit | No data available | |
| Vapor Pressure | No data available | |
| Vapor Density | No data available | |
| Relative Density | No data available | |
| Specific Gravity | No data available | |
| Water Solubility | Complete | |
| Solubility in other solvents | No data available | |
| Partition coefficient: n-octanol/water | No data available | |
| Autoignition Temperature | No data available | |
| Decomposition Temperature | No data available | |
| Viscosity | No data available | |
| Flammable Properties | Not flammable | |
| Explosive Properties | Not explosive | |
| Oxidizing Properties | Not an oxidizer | |

Other information

| | |
|------------------------|---------|
| VOC Content (%) | 1 - 10% |
|------------------------|---------|

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

None known based on information supplied.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

PRODUCT AS SOLD

Information on likely routes of exposure

Product Information

| | |
|---------------------|---|
| Inhalation | May cause irritation of respiratory tract. |
| Eye Contact | May cause serious eye damage. |
| Skin Contact | Causes skin irritation. |
| Ingestion | Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

PRODUCT AT USE DILUTION

| | |
|---------------------|--|
| Inhalation | May cause irritation of respiratory tract. |
| Eye Contact | May cause serious eye damage. |
| Skin Contact | Causes skin irritation. |
| Ingestion | Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea. |

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--|---------------------------|-------------------------|-------------------------------|
| Oleic Acid | = 25000 mg/kg (Rat) | - | - |
| Tetrasodium ethylenediamine tetraacetate | = 1780-2000mg/kg (Rat) | - | = 30 mg/L (Rat) |
| 2-Butoxyethanol | = 470 mg/kg (Rat) | = 400 mg/kg (Rabbit) | = 2.21 mg/L (Rat 4h, 950 ppm) |
| Nonylphenol Ethoxylate | = 3310 mg/kg (Rat) | = 2000 mg/kg (Rabbit) | - |
| Monoethanolamine | = 2.46-2.83 mg/kg (Rat) | = 1515 mg/kg (Rat) | = 1.3 mg/L (Rat 6h) |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

| | |
|---------------------------------|---------------------------------------|
| Sensitization | No information available. |
| Mutagenic Effects | No information available. |
| Carcinogenicity | Contains no carcinogenic ingredients. |
| Reproductive Toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Aspiration Hazard | No information available. |

Numerical measures of toxicity • - Product

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

| | |
|--------------------|---------------------------|
| LD50 Oral | No information available. |
| LD50 Dermal | No information available. |

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|--|---|---|----------------------------|--------------------------------------|
| Oleic Acid | - | LC50 96 h: = 205 mg/L | - | - |
| Tetrasodium ethylenediamine tetraacetate | EC50 72h: = 2.77 mg/L (Desmodesmus subspicatus) | LC50 96 h: = 490 mg/L static (Bluegill Sunfish) | - | EC50 24h: = 610 mg/L (Daphnia magna) |

| | | | | |
|------------------------|---|--|---|--|
| 2-Butoxyethanol | - | LC50 96 h: = 1490 mg/L (Bluegill Sunfish) | - | - |
| Nonylphenol Ethoxylate | - | LC50 96 h: = 1.8 mg/L static (Bluegill Sunfish) | - | EC50 48h: = 12.2 mg/L (Daphnia magna) |
| Monoethanolamine | - | LC50 96 h: = 150 mg/L | - | EC50 48h: = 65 mg/L (Daphnia magna) |

Persistence and Degradability No information available.
Bioaccumulation No information available.

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

PRODUCT AS SOLD

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

Contaminated Packaging Dispose of in accordance with federal, state, and local regulations.

PRODUCT AT USE DILUTION

Dispose of in accordance of the federal, state, local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical Name | CAS # | Weight % | SARA313 Threshold Values |
|-----------------|----------|----------|--------------------------|
| 2-Butoxyethanol | 111-79-2 | 1 - 10 | 1.0% |

SARA 311/312 Hazard Categories

| | |
|--|----|
| Acute Health Hazard | No |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

Clean Water Act

This product contains no substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, contains no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

U.S. State Regulations**California Proposition 65**

This product contains no Proposition 65 chemicals:

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|-----------------|------------|---------------|--------------|----------|--------------|
| 2-Butoxyethanol | X | X | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number

Not applicable

16. OTHER INFORMATION

| | | | | | | | | |
|--------------------|---------------|---|--------------|---|-----------------|---|-------------------------------|---|
| <u>NFPA</u> | Health Hazard | 1 | Flammability | 0 | Instability | 0 | Physical and Chemical Hazards | - |
| <u>HMIS</u> | Health Hazard | 1 | Flammability | 0 | Physical Hazard | 0 | Personal Protection | B |

Prepared By

Sunburst Chemicals
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Bloomington, MN 55420
952-884-3144

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15-Jun-2016

Revision Note

Update

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet