

Brute

SECTION 1. IDENTIFICATION

| | |
|---|---|
| Product Identifier | Brute |
| Other Means of Identification | 1000 |
| Recommended Use | All-purpose cleaner. |
| Restrictions on Use | No information available. |
| Manufacturer/Supplier Identifier | Sunburst Chemicals, Inc., 220 W. 86th St., Bloomington, MN, 55420, 952-884-3144 |
| Emergency Phone No. | Emergency Telephone Number, 1-866-303-6943 |
| SDS No. | 0003 |

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Acute toxicity (Oral) - Category 4; Skin irritation - Category 2; Eye irritation - Category 2

Label Elements



Signal Word:
Warning

Hazard Statement(s):
Harmful if swallowed.
Causes skin irritation.
Causes serious eye irritation.

Precautionary Statement(s):
Prevention:
Wash hands and skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
Avoid breathing dust/fume/gas/mist/vapours/spray.

General Advice
IF exposed or concerned: Get medical attention/advice

Product Identifier: Brute - Ver. 3
Date of Preparation: July 02, 2018
Date of Last Revision: October 03, 2017

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 water.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.

Inhalation

IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Storage:

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

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | % | Other Identifiers | Other Names |
|--------------------------|------------|------|-------------------|-------------|
| Cocamide DIPA | 68855-69-6 | 1-10 | | |
| Pentasodium Triphosphate | 7758-29-4 | 1-5 | | |
| 2-Butoxyethanol | 111-76-2 | 1-5 | | |
| Triethanolamine | 102-71-6 | 1-5 | | |

Notes

PRODUCT AT USE DILUTION

Contains ingredients listed above at weight % less than 0.5%

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Remove source of exposure or move to fresh air. Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

Eye Contact

Immediately rinse the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the

Product Identifier: Brute - Ver. 3
Date of Preparation: July 02, 2018
Date of Last Revision: October 03, 2017

eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment

Special Instructions

Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water. Carbon dioxide (CO₂). Dry chemical.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Not sensitive to static discharge.

Not sensitive to mechanical impact.

Special Protective Equipment and Precautions for Fire-fighters

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

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

Personal Precautions, Protective Equipment, and Emergency Procedures

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

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.

Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product.

Collect and reuse if possible. Following product recovery, flush area with water.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

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

Conditions for Safe Storage

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Chemical Name | ACGIH TLV® | | OSHA PEL | | AIHA WEEL | |
|-----------------|------------|------|----------|---------|-----------|-----|
| | TWA | STEL | TWA | Ceiling | 8-hr TWA | TWA |
| 2-Butoxyethanol | 20 ppm | | 50 ppm | | | |
| Triethanolamine | 5 mg/m3 | | 6 mg/m3 | | | |

A5 = Not suspected as a human carcinogen.

Appropriate Engineering Controls

Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required, if used as directed. Rubber or vinyl gloves recommended when handling solid chemicals or their use solutions.

Respiratory Protection

Not normally required if product is used as directed. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

| | |
|--|--|
| Appearance | Red. |
| Odour | Lemon |
| Odour Threshold | Not available |
| pH | 8.8 - 9.8 |
| Melting Point/Freezing Point | Not available (melting); Not applicable (freezing) |
| Initial Boiling Point/Range | 100 °C (212 °F) |
| Flash Point | Not available |
| Evaporation Rate | Not applicable |
| Flammability (solid, gas) | Not applicable |
| Upper/Lower Flammability or Explosive Limit | Not applicable (upper); Not applicable (lower) |
| Vapour Pressure | Not applicable |
| Vapour Density (air = 1) | Not applicable |
| Relative Density (water = 1) | Not available |
| Solubility | Soluble in water; Not available (in other liquids) |
| Partition Coefficient, n-Octanol/Water (Log Kow) | Not applicable |
| Auto-ignition Temperature | Not applicable |
| Decomposition Temperature | Not available |
| Viscosity | Not applicable (kinematic); Not applicable (dynamic) |
| Other Information | |
| Physical State | Liquid |
| Use Dilution | Use dilution pH is 7.5 - 8.5 pH |
| VOC Content | VOC Content (%) = 1 - 5% |

Product Identifier: Brute - Ver. 3
Date of Preparation: July 02, 2018
Date of Last Revision: October 03, 2017

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

None known.

Incompatible Materials

None known.

Hazardous Decomposition Products

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Eye contact; skin contact.

Acute Toxicity

| Chemical Name | LC50 | LD50 (oral) | LD50 (dermal) |
|--------------------------|-----------------------------------|------------------|--------------------|
| 2-Butoxyethanol | 2.21 mg/L (rat) (4-hour exposure) | 470 mg/kg (rat) | 400 mg/kg (rabbit) |
| Pentasodium Triphosphate | Not available | 4640 mg/kg (rat) | Not available |
| Triethanolamine | Not available | 2200 mg/kg (rat) | > 2000 mg/kg (rat) |
| Cocamide DIPA | Not applicable | Not applicable | Not applicable |

LC50: No information was located.

LD50 (oral): No information was located.

LD50 (dermal): No information was located.

Skin Corrosion/Irritation

Causes skin irritation.

Serious Eye Damage/Irritation

Causes serious eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

May cause irritation of respiratory tract.

Ingestion

Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information available.

Respiratory and/or Skin Sensitization

No information available.

Carcinogenicity

Product Identifier: Brute - Ver. 3
Date of Preparation: July 02, 2018
Date of Last Revision: October 03, 2017

| Chemical Name | IARC | ACGIH® | NTP | OSHA |
|-----------------|---------|--------|-----|------|
| 2-Butoxyethanol | Group 3 | A3 | | |

Group 3 – Not classifiable as to its carcinogenicity to humans.

A3 – Confirmed animal carcinogen.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

Not mutagenic.

Interactive Effects

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful, with long lasting effects to aquatic life, based on acute toxicity tests.

Acute Aquatic Toxicity

| Chemical Name | LC50 Fish | EC50 Crustacea | ErC50 Aquatic Plants | ErC50 Algae |
|-----------------|--|---|----------------------|---|
| 2-Butoxyethanol | 1490 mg/L (Lepomis macrochirus (bluegill); 96-hour) | Not available | Not available | Not available |
| Triethanolamine | 11800 mg/L (Pimephales promelas (fathead minnow); 96-hour; static) | 1850 mg/L (Daphnia magna (water flea); 48-hour) | Not available | 169 mg/L (Selenastrum capricornutum (algae); 96-hour) |
| Cocamide DIPA | Not available | Not available | Not available | Not available |

Persistence and Degradability

No information available.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

Product Identifier: Brute - Ver. 3
Date of Preparation: July 02, 2018
Date of Last Revision: October 03, 2017

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are listed on the TSCA Inventory.

Additional USA Regulatory Lists

SARA Title III - Section 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain 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-No | Weight % | SARA 313 - Threshold Values % |
|-----------------|----------|----------|-------------------------------|
| 2-Butoxyethanol | 111-76-2 | 1-5 | 1.0. |

SARA Title III - Section 311/312:

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

California Proposition 65

This product contains no Proposition 65 chemicals.

U.S. EPA Label Information

EPA Pesticide Registration Number :

Not applicable.

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

CWA - Hazardous Substances : Pentasodium triphosphate

CWA - Hazardous Substances :. (2-Butoxyethanol)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Hazardous Substances RQs:

Pentasodium triphosphate 5000 lb final RQ/ RQ 2270 kg final RQ

2-Butoxyethanol 5000 lb final RQ/ RQ 2270 kg final RQ

U.S. State Right-to-Know Regulations

Massachusetts Right To Know:. (Pentasodium Triphosphate)

Pennsylvania Right To Know:. (Pentasodium Triphosphate)

Product Identifier: Brute - Ver. 3
Date of Preparation: July 02, 2018
Date of Last Revision: October 03, 2017

New Jersey Right To Know: (2-Butoxyethanol)
Massachusetts Right To Know: (2-Butoxyethanol)
Pennsylvania Right To Know: (2-Butoxyethanol)
Illinois Right to Know: (2-Butoxyethanol)
Rhode Island: (2-Butoxyethanol)

Massachusetts Right To Know: (Triethanolamine)
New Jersey Right To Know: (Triethanolamine)
Pennsylvania Right To Know: (Triethanolamine)
Rhode Island: (Triethanolamine)

SECTION 16. OTHER INFORMATION

| | | | |
|------------------------------|--------------------|-------------------------|------------------------|
| NFPA Rating | Health - 1 | Flammability - 0 | Instability - 0 |
| SDS Prepared By | SunBurst Chemicals | | |
| Phone No. | 952-884-3144 | | |
| Date of Preparation | July 02, 2018 | | |
| Date of Last Revision | October 03, 2017 | | |

Product Identifier: Brute - Ver. 3
Date of Preparation: July 02, 2018
Date of Last Revision: October 03, 2017

Page 08 of 08