

Safety Data Sheet

Issue Date 21-Mar-2013

Revision/Review Date: 06-Feb-2019

Version 1.1

1. IDENTIFICATION

Product Identifier

Product Name Bright Solutions Extraction Rinse

Other Means of Identification

Product Code BSL9400041

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Extraction rinse. For industrial use.

Details of the Supplier of the Safety Data Sheet

Bright Solutions
140 Private Brand Way
Athens, TN 37303

Emergency Telephone Number

Company Phone Number: Phone: 1-800-467-6294
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Yellow-brown

Physical State Liquid

Odor None

Classification

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 1 |
| Serious eye damage/eye irritation | Category 1 |

Signal Word

Danger



Hazard Statements

Causes severe skin burns and eye damage.

Precautionary Statements - Prevention

Do not breathe mists.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

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.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Unknown Acute Toxicity

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|-------------------------------------|------------|----------|
| Water | 7732-18-5 | 60-100 |
| Glycolic Acid | 79-14-1 | 5-10 |
| Sulfamic Acid | 5329-14-6 | 1-5 |
| Dipropylene Glycol Monomethyl Ether | 34590-94-8 | 1-5 |
| Sodium Tripolyphosphate | 7758-29-4 | 1-5 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

| | |
|---------------------|--|
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove and discard contact lenses. Seek immediate medical attention/advice. |
| Skin Contact | Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. Get medical attention immediately. |
| Inhalation | Remove to fresh air. Get medical attention immediately. |
| Ingestion | Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. |

Most Important Symptoms and Effects

| | |
|-----------------|-----------------------------|
| Symptoms | Corrosive to skin and eyes. |
|-----------------|-----------------------------|

Indication of Any Immediate Medical Attention and Special Treatment Needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

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

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

None known.

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 | Use personal protective equipment as required. |
| Environmental Precautions | Avoid release to the environment. |

Methods and Material for Containment and Cleaning Up

| | |
|--------------------------------|---|
| Methods for Containment | Prevent further leakage or spillage if safe to do so. |
|--------------------------------|---|

Methods for Clean-Up

Collect spillage. Collect in a clean, dry waste container for disposal. Dilute remaining residue with water and neutralize with dilute acetic acid (vinegar).

7. HANDLING AND STORAGE

Precautions for Safe Handling**Advice on Safe Handling**

Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for Safe Storage, including Any Incompatibilities**Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep only in original container. Keep from freezing.

Incompatible Materials

Acids. Bases. Oxidizing agents. Uncontrolled contact with water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|--|---|---|
| Glycolic Acid 79-14-1 | - | 10mg/m ³ (AEL) | - |
| Dipropylene Glycol Monomethyl Ether 34590-94-8 | STEL: 150 ppm TWA: 100 ppm S* | TWA: 100 ppm TWA: 600 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ³ (vacated) S* S* | IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³ |
| Sodium Tripolyphosphate 7758-29-4 | 10mg/m ³ (Inhalable) 8hr TWA 3mg/m ³ (Respirable) 8hr TWA | 15mg/m ³ (Total Dust) 8hr TWA 5mg/m ³ (Respirable) 8hr TWA | - |

Appropriate Engineering Controls**Engineering Controls**

Ventilation systems. Eyewash stations. Showers.

Individual Protection Measures, such as Personal Protective Equipment**Eye/Face Protection**

Splash goggles or safety glasses.

Skin and Body Protection

Rubber, Nitrile, PVC, or other chemically resistant skin protection to prevent contact.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State
Appearance
Color

Liquid
Clear
Yellow-brown

Odor None
Odor Threshold Not determined

Property**Values****Remarks • Method**

pH
Melting Point/Freezing Point
Boiling Point/Boiling Range
Flash Point
Evaporation Rate
Flammability (Solid, Gas)
Upper Flammability Limits

1.5-2.0
Not known
100 °C / 212 °F
Not applicable
Not determined
n/a-liquid
Not determined

| | | |
|------------------------------|--------------------|-----------------|
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | 1.08 | |
| Water Solubility | Completely soluble | @ 25 °C (77 °F) |
| Solubility in other solvents | Not determined | |
| Partition Coefficient | Not determined | |
| Auto-ignition Temperature | Not determined | |
| Decomposition Temperature | Not determined | |
| Kinematic Viscosity | Not determined | |
| Dynamic Viscosity | Not determined | |
| Explosive Properties | Not determined | |
| Oxidizing Properties | Not determined | |

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children. Excessive heat, sparks, or open flames. Keep from freezing.

Incompatible Materials

Avoid oxidizing agents Cyanides, Sulphides, active metals (such as sodium, potassium, magnesium), strong bases (ammonia and its solutions, carbonates, sodium hydroxide, potassium hydroxide, calcium hydroxide, hypochlorites, chlorites).

Hazardous Decomposition Products

Thermal decomposition may produce oxides of nitrogen, oxides of carbon, aldehydes, ketones, and organic acids.

11. TOXICOLOGICAL INFORMATION

Information on likely Routes of Exposure

Product Information

| | |
|--------------|----------------------------------|
| Eye Contact | Causes severe eye damage. |
| Skin Contact | Causes severe skin burns. |
| Inhalation | Avoid breathing vapors or mists. |
| Ingestion | Do not taste or swallow. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|--------------------|-----------------------|------------------|
| Glycolic Acid 79-14-1 | = 2040 mg/kg (Rat) | - | = 3.6 mg/L (Rat) |
| Sulfamic Acid 5329-14-6 | = 3160 mg/kg (Rat) | - | - |
| Dipropylene Glycol Monomethyl Ether 34590-94-8 | = 5230 mg/kg (Rat) | = 9500 mg/kg (Rabbit) | - |
| Sodium Tripolyphosphate 7758-29-4 | = 5400 mg/kg (Rat) | > 7940 mg/kg (Rabbit) | - |

Information on Physical, Chemical and Toxicological Effects

| | |
|----------|--|
| Symptoms | Please see section 4 of this SDS for symptoms. |
|----------|--|

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity Not classifiable as a human carcinogen.

Numerical Measures of Toxicity

Not determined

Unknown Acute Toxicity

None known.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---------------------------------------|--|----------------------------|------------------------------------|
| Glycolic Acid 79-14-1 | EbC50 22.5 mg/L (72hr) green algae | = 164 mg/L (96hr) fathead minnow | - | = 141 mg/L (48hr) Daphnia magna |
| Dipropylene Glycol Monomethyl Ether 34590-94-8 | - | 10000: 96 h Pimephales promelas mg/L LC50 static | - | 1919: 48 h Daphnia magna mg/L LC50 |
| Sodium Tripolyphosphate 7758-29-4 | - | >100mg/L (96hr) Rainbow Trout | - | >100mg/L (48hr) Daphnia magna |

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

| Chemical Name | Partition Coefficient |
|---|-----------------------|
| Dipropylene Glycol Monomethyl Ether 34590-94-8 | -0.064 |

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN1760 Corrosive Liquids, N.O.S. (Containing Glycolic Acid and Sulfamic Acid), 8 PGII

IATA**IMDG****15. REGULATORY INFORMATION****International Inventories**

Canada – Domestic Substances List (DSL)
TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.
All ingredients are listed or exempt.

Legend:

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

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**CERCLA**

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------------|--------------------------|----------------|---|
| Glycolic Acid 79-14-1 | 100 lb | 100 lb | RQ 100 lb final RQ RQ 45.4 kg final RQ |

SARA 311/312 Hazard Categories

| | |
|-----------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Reactive Hazard | No |

SARA 313

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|-------------------------------------|------------|----------|----------------------------------|
| Dipropylene Glycol Monomethyl Ether | 34590-94-8 | 1-5 | 1.0 |

CWA (Clean Water Act)

| Component | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|-------------|--------------------------------|------------------------|---------------------------|-------------------------------|
| None Listed | | | | |

US State Regulations**U.S. State Right-to-Know Regulations**

| Chemical Name | State List |
|---|------------|
| Dipropylene Glycol Monomethyl Ether 34590-94-8 | MA, NJ, PA |
| Sodium Tripolyphosphate 7758-29-4 | MA, PA |

AZ- Arizona Ambient Air Quality Guidelines
CT- Connecticut Hazardous Air Pollutants
CA- California Director's List of Hazardous Substances
CAP65- California Prop65
FL- Florida Substances List
ID- Idaho Non-Carcinogen Toxic Air Pollutants

IL- Illinois Toxic Air Contaminant-Carcinogenic
MA- Massachusetts Right to Know List
MN- Minnesota Hazardous Substances List
NJ- New Jersey Right to Know List
PA- Pennsylvania Right to Know List
RI- Rhode Island Hazardous Substances List

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards****HMIS**

Not determined

Not determined

Not determined

Not determined

Health Hazards**Flammability****Physical Hazards****Personal Protection**

3

0

0

Not determined

Issue Date

21-Mar-2013

Revision/Review Date:

06-Feb-2019

Revision Note

Version 1.1 Updated Section 2 & 14

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 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.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet