

Safety Data Sheet



1. IDENTIFICATION

Product Identifier:

Product Name: **Essence**

Recommended use of the chemical and restrictions on use: Cleaning Agent / No Restrictions

Safety Data Sheet Supplier Details:

Manufacturer Address:

Top Line Chemical Solutions, LLC
1923 John Crosland Jr. Drive
Charlotte, NC 28208

Company Phone Number: 1-980-309-0569
Emergency Telephone (24 hour) INFOTRAC: 1-352-323-3500 (International)
INFOTRAC: 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Amber liquid

Physical State Liquid

Classification

| | |
|-----------------------------------|------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Acute toxicity- Oral | Category 4 |

Hazards Not Otherwise Classified (HNOC)

Signal Word

Warning

Hazard Statements

Harmful if swallowed
Causes skin irritation
Causes serious eye irritation



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
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
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
If swallowed: Call a Poison Center or doctor/physician if you feel unwell. Rinse mouth

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---------------------------------|------------|----------|
| Dodecyl benzene sulfonic acid | 27176-87-0 | 15-25 |
| Ethylene Glycol Monobutyl Ether | 111-76-2 | <10 |
| Sodium xylenesulfonate | 1300-72-7 | <3 |
| Isopropyl alcohol | 67-63-0 | <3 |

**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**

| | |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Advice | Provide this SDS to medical personnel for treatment. |
| Eye Contact | 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 Contact | IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |
| Inhalation | Remove to fresh air. |
| Ingestion | Clean mouth with water and call a poison center or doctor/physician if you feel unwell.. |

Most important symptoms and effects

| | |
|-----------------|-----------------------------------------------------------------------------------|
| Symptoms | May cause skin irritation. May cause eye irritation. May be harmful if swallowed. |
|-----------------|-----------------------------------------------------------------------------------|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | 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 Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Hazardous Combustion Products Carbon Dioxide and Carbon Monoxide.

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 See Section 12 for additional Ecological Information.

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 Absorb liquid on vermiculite or other absorbent materials. Dike to prevent material from reaching streams or other water sources. If runoff occurs notify authorities as required. Dispose of waste in accordance with local, state or federal laws.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Protect from freezing. Keep out of the reach of children.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | TWA: 20PPM | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S* | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |
| Isopropyl Alcohol 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ | IDLH: 700 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³ |

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses.

Skin and Body Protection Wear protective gloves and protective clothing.

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 | Liquid | Odor | Not determined |
| Appearance | Not determined | Odor Threshold | Not determined |
| Color | Not determined | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------------|----------------------|--------------------------------|
| pH | Not determined | |
| Melting Point/Freezing Point | Not determined | |
| Boiling Point/Boiling Range | Not determined | |
| Flash Point | Not determined | |
| Evaporation Rate | Not determined | |
| Flammability (Solid, Gas) | n/a liquid | |
| Upper Flammability Limits | Not determined | |
| Lower Flammability Limit | Not determined | |
| Vapor Pressure | Not determined | |
| Vapor Density | Not determined | |
| Specific Gravity | Not determined | |
| Water Solubility | Not determined | |
| 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 | |
| VOC Content | 0% | |
| Density | >1.00 | |

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.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Ignition sources.

Incompatible Materials

Strong Alkaline or Oxidizing Agents

Hazardous Decomposition Products

None known based on information supplied.

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

| | |
|---------------------|----------------------------------|
| Eye Contact | May Cause eye irritation. |
| Skin Contact | May cause skin irritation. |
| Inhalation | Avoid Breathing vapors or mists. |
| Ingestion | Harmful if swallowed. |

Component Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------------------|--------------------|-----------------------------------------------|---------------------------------------------|
| Dodecyl benzene sulfonic acid 27176-87-0 | = 500 mg/kg (Rat) | - | - |
| Ethylene Glycol Monobutyl Ether 111-76-2 | = 470 mg/kg (Rat) | = 2270 mg/kg (Rat) = 220 mg/kg (Rabbit) | = 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4h |
| Sodium Xylenesulfonate 1300-72-7 | = 7200 mg/kg (Rat) | - | - |
| Isopropyl Alcohol 67-63-0 | = 4396 mg/kg (Rat) | = 12800 mg/kg (Rat) = 12870 mg/kg (Rabbit) | = 72.6 mg/L (Rat) 4 h |

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 classified as a human carcinogen

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------------------------------------|-------|---------|------------|------------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | A3 | Group 3 | Not Listed | Not Listed |
| Isopropyl Alcohol | | Group 3 | Not Listed | Not Listed |

Legend*ACGIH (American Conference of Governmental Industrial Hygienists)**A3 - Animal Carcinogen**IARC (International Agency for Research on Cancer)**Group 3 IARC components are "not classifiable as human carcinogens"***Numerical measures of toxicity**

Not determined

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life with long term lasting effects.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------|
| Dodecyl benzene sulfonic acid 27176-87-0 | 29: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 10.8: h Oncorhynchus mykiss mg/L LC50 static 3.5 10:96 h Brachydanio reio mg/L LC5 | | 5.88: 48 h Daphnia magna mg/L EC50 |
| Ethylene Glycol Monobutyl Ether 111-76-2 | | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | | 1698 – 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50 |
| Isopropyl Alcohol 67-63-0 | 1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50 | 9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50 | | 13299: 48 h Daphnia magna mg/L EC50 |

Component Information

Not Determined

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

| Chemical Name | Partition Coefficient |
|------------------------------------------|-----------------------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | 0.81 |
| Isopropyl Alcohol 67-63-0 | .05 |

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.

California Hazardous Waste Status

| Chemical Name | California Hazardous Waste Status |
|---------------------------|-----------------------------------|
| Isopropyl Alcohol 67-63-0 | Toxic Ignitable |

14. TRANSPORT INFORMATION

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Note | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG Marine Pollutant | This material may meet the definition of a marine pollutant |

15. REGULATORY INFORMATION

International Inventories

Not determined

Legend:

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

DSL/NDSL - 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

TSCA 129b)

Not Applicable.

CERCLA

| Chemical Name | Hazardous Substance RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---------------------------------------------|-------------------------|----------------|-------------------------------------------|
| Dodecyl benzene sulfonic acid 27176-87-0 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ |
| | | | |

SARA 313

| Chemical Name | Case No | Weight % | SARA 313 – Threshold Values % |
|---------------------------------------------|----------|----------|-------------------------------|
| Ethylene Glycol Monobutyl Ether 111-76-2 | 111-76-2 | <10 | 1.0 |
| Isopropyl Alcohol 67-63-0 | 67-63-0 | <3 | 1.0 |

SARA 311/312**Acute Health Hazard: Yes****Chronic Health Hazard: No****Fire Hazard: No****Sudden Release of Pressure Hazard: No****Reactive Hazard: No****CWA (Clean Water Act)**

| Chemical Name | CWA – Reportable Quantities | CWA Toxic Pollutants | CWA – Priority Pollutants | CWA – Hazardous Substances |
|---------------------------------------------|-----------------------------|----------------------|-------------------------------------------|----------------------------|
| Dodecyl benzene sulfonic acid 27176-87-0 | 1000 lb | | RQ 1000 lb final RQ RQ 454 kg final RQ | X |

Clean Air Act

Not Applicable

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 |
|---------------------------------------------|------------|---------------|--------------|
| Dodecyl benzene sulfonic acid 27176-87-0 | X | X | X |
| Ethylene Glycol Monobutyl Ether 111-76-2 | X | X | X |
| Isopropyl Alcohol 67-63-0 | X | X | X |
| | | | |

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

1

Flammability

0

Physical Hazards

0

Personal Protection

B

Issue Date:

1-April-2016

Revision Date:

1-April-2016

Revision Note:

New Product

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