



# SAFETY DATA SHEET

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

### GHS product identifier

Product Name LEMON POWER RTU

### Other means of identification

Product Code(s) 147499

Synonyms Lemon Power

### Recommended use of the chemical and restrictions on use

Recommended Use N/A

Uses advised against No Information Available

### Supplier's details

#### Supplier Address

Birsch Industries  
476 Viking Drive  
Virginia Beach, VA. 23452  
TEL: 757-622-0355

### Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.  
24 Hour Emergency Contact 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

### Classification

SKIN CORROSION/IRRITATION – Category 2  
SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1  
AQUATIC: ACUTE – Category 1  
AQUATIC: LONG TERM – Category 2

### GHS Label elements, including precautionary statements

#### Emergency Overview

Signal Word DANGER

**Hazard Statements**

- Causes skin irritation
- Causes serious eye damage
- Very toxic to aquatic life
- Toxic to aquatic life with long lasting effects.

**Appearance** Yellow**Physical State** Liquid**Odor** Lemon Scent**Symbol:****Precautionary Statements****Prevention**

Wash thoroughly after handling.  
 Avoid release to the environment.  
 Wear protective gloves.  
 Wear eye protection/face protection.

**Response**

Collect spillage.  
 IF ON SKIN (or hair): Wash with plenty of water.  
 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/doctor.  
 Specific treatment (see this label).  
 If skin irritation occurs: Get medical advice/attention.  
 Take off contaminated clothing and wash before reuse.

**Storage**

Store away from incompatible materials.

**Disposal**

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms**

Chemical Name	CAS-No	Weight %	Notes
Alcohol ethoxylate	Proprietary	3 – 5	*
Alkyl dimethyl ethylbenzyl ammonium chloride	85409-23-0	1 – 3	*
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	1 – 3	*

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

### 4. FIRST AID MEASURES

**Description of necessary first-aid measures**

<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Symptoms and Effects</b>	Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Water fog. Foam. Dry chemical powder. Carbon dioxide.

### Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread fire.

### Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

### Special Protective Equipment and Precautions for Firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### Fire-Fighting Equipment/Instructions

Move containers from fire area if you can do so without risk.

### Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials.

### General Fire Hazards

No unusual fire or explosion hazards noted.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal Precautions**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

### **Methods for Containment and Clean Up**

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination.

Never return spills to original container for re-use.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.

### **Environmental Precautions**

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Do not get this material in contact with eyes. Avoid contact with skin. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.

### Conditions for safe storage, including any incompatibilities

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in original tightly closed container. Store away from incompatible materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Occupational Exposure Limits**

No exposure limits noted for ingredients.

<b>Biological Limit Values</b>	No biological exposure limits noted.
<b>Appropriate Engineering Controls</b>	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

**Individual protection measures, such as personal protective equipment**

<b>Eye &amp; Face Protection</b>	Wear safety glasses with side shields (or goggles) and a face shield.
<b>Hand &amp; Skin Protection</b>	Wear appropriate chemical resistant gloves and clothing.
<b>Respiratory Protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal Hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene Measures</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Appearance</b>	Yellow
<b>Odor</b>	Lemon Scent	<b>Odor Threshold</b>	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>
<b>pH</b>	11.0 – 13.0
<b>Melting Point/Range</b>	32°F (0°C)
<b>Boiling Point/Boiling Range</b>	212°F (100°C)
<b>Flash Point</b>	>201°F (>93.9°C)
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Flammability Limits in Air</b>	
upper flammability limit	No data available
lower flammability limit	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	No data available
<b>Specific Gravity</b>	No data available
<b>Water Solubility</b>	No data available
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Flammable Properties</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available

## 10. STABILITY AND REACTIVITY

**Stability**

The product is stable

**Possibility of hazardous reactions**

No dangerous reaction known under normal conditions.

**Conditions to avoid**

Avoid temperatures exceeding the flash point. Reacts violently with strong acids. This product may react with oxidizing agents. Do not mix with other chemicals. Contact with incompatible materials.

**Incompatible materials**

Strong oxidizing agents. Anionic surfactants.

**Hazardous decomposition products**

Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

<b>Ingestion</b>	May be harmful if swallowed.
<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin Contact</b>	Causes skin irritation.
<b>Eye Contact</b>	Causes serious eye damage.

**Information on Toxicological Effects**

<b>Acute Toxicity</b>	No data available
<b>Skin Corrosion/Irritation</b>	Causes skin irritation
<b>Serious Eye Damage/Eye Irritation</b>	Causes serious eye damage.
<b>Respiratory Sensitization</b>	No data available
<b>Skin Sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Reproductive Toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific Target Organ Toxicity Single Exposure</b>	Not applicable
<b>Specific Target Organ Toxicity Repeated Exposure</b>	Not applicable
<b>Aspiration Hazard</b>	No data available

## 12. ECOLOGICAL INFORMATION

<b>Ectotoxicity</b>	No data available
<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulative Potential</b>	No data available
<b>Mobility In Soil</b>	No data available
<b>Other Adverse Effects</b>	No other adverse environmental effects are expected from this component.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Instructions</b>	<p>Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.</p> <p>Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.</p>
<b>Local Disposal Regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous Waste Code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.



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**General Disclaimer**

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**End of Safety Data Sheet**