

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

## **GHS** product identifier

Product Name Acculogic Citra Sol

Other means of identification

Product Code(s) FM9108 UN/ID NO# UN3266 Synonyms None

## Recommended use of the chemical and restrictions on use

Recommended Use All Purpose Degreaser

Uses advised against No information available

Supplier's details

Supplier Address Accurate Companies 731 W. Fairmont Dr. Tempe, AZ 85282

### **Emergency telephone number**

EmergencyTelephone CHEMTREC: 1-800-424-9300

Number 602-996-9191

## 2. HAZARDS IDENTIFICATION

## Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

#### GHS Label elements, including precautionary statements

### **Emergency Overview**

Signal Word Danger

The product contains no substances which at their given concentration are considered to be hazardous to health

Appearance Yellow Physical State Liquid Odor Citrus

## **Precautionary Statements**

H315: Causes skin irritation H318: Serious eye damage

### **General Advice**

 In "Concentrated" form, wear proper PPE including googles, glove and /or face shield.





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**Storage** 

· Store in a cool dry place

#### Disposal

• Dispose of in accordance with all federal, state and local regulations

#### **Hazard Not Otherwise Classified (HNOC)**

Not applicable

#### Other information

No information available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical         | CAS-NO#   | Weight % | Trade Secret |
|------------------|-----------|----------|--------------|
| Sodium hydroxide | 1310-73-2 | 1% - 10% | *            |

# 4. FIRST AID MEASURES

Description of necessary first-aid measures

**Eye Contact** Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if

symptoms occur.

**Skin Contact** Wash off with plenty of 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

Drink plenty of water. Do NOT induce vomiting. Consult a physician if necessary

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.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical or alcohol resistant foam. Tailor extinguishing media to surrounding fire.

Unsuitable Extinguishing Media None

### Specific Hazards Arising from the Chemical

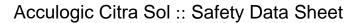
Carbon oxides, Oxides of Nitrogen

**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.





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# **6. ACCIDENTAL RELEASE MEASURES**

## Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment. Avoid contact with skin, eyes and clothing. If spilled,

take caution, as material can cause surfaces to become very slippery.

**Environmental Precautions** 

**Environmental Precautions** See Section 12 for additional Ecological Information

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.

## 7. HANDLING AND STORAGE

Precautions for safe handling

**Handle in accordance with good industrial hygiene and safety practice.** 

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Keep out of the reach of children. Store in a cool dry place.

Containers previously opened must be sealed and stored upright to avoid leaking.

Incompatible Products

None known based on information supplied.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

## **Control parameters**

## **Exposure Guidelines**

| Chemical Name                 | ACGIH TLV  | OSHA PEL   | NIOSH IDLH<br>2mg/m³ TWA |  |
|-------------------------------|------------|------------|--------------------------|--|
| Sodium hydroxide<br>1310-73-2 | 2mg/m³ TWA | 2mg/m³ TWA |                          |  |

Appropriate engineering controls Showers, Eyewash stations, Ventilation systems

**Engineering Measures** 

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

Eye/Face Protection Safety glasses with side-shields.

Skin and Body Protection Rubber gloves.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

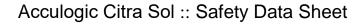
### Information on basic physical and chemical properties

Physical State Liquid Appearance Yellow

Odor Citrus Odor Threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks/ - Method</u>

pH13.0-14.0None knownMelting Point/RangeNo data availableNone knownBoiling Point/Boiling Range212 °FNone known



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| Flash Point               | None              | None known |
|---------------------------|-------------------|------------|
| Evaporation rate          | No data available | None known |
| Flammability (solid, gas) | No data available | None known |

Flammability Limits in Air

 upper flammability limit
 No data available

 lower flammability limit
 No data available

 apper Pressure
 No data available

No data available **Vapor Pressure** None known No data available **Vapor Density** None known **Relative Density** No data available None known **Specific Gravity** 1.033 None known **Water Solubility** Dispersible None known Solubility in other solvents No data available None known Partition coefficient: n-octanol/waterNo data available None known **Autoignition Temperature** No data available None known **Decomposition Temperature** No data available None known Viscosity No data available None known

Flammable Properties Not flammable

**Explosive Properties**Oxidizing Properties
Not explosive
Not an oxidizer

Other information

VOC Content (%) 0%

## 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.

<u>Hazardous decomposition products</u> None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

## Information on likely routes of exposure

**Product Information** 

InhalationMay cause irritation of respiratory tract.Eye ContactContact with eyes may cause irritation.

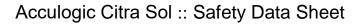
Skin Contact May cause irritation.
Ingestion May cause irritation

| Chemical Name              | Oral LD50             | Dermal LD50        | LC50 Inhalation   |
|----------------------------|-----------------------|--------------------|-------------------|
| Sodium hydroxide 1310-73-2 | 1100-1350 mg/kg (Rat) | > 5000 mg/kg (Rat) | >2.06 g/m³ (Rat ) |

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





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No information available. Sensitization **Mutagenic Effects** No information available.

Contains no ingredient listed as a carcinogen. Carcinogenicity

**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 date available

### 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

| Chemical Name                                   | Algae/aquatic plants | Fish              | Crustacea |
|---|----------------------|-------------------|-----------|
| Sodium hydroxide 1310-73-2 48hr EC50 > 1000mg/l |                      | 96hr LC50 >20mg/l | =         |
| •   | Daphnia magna        | Brachydanio rerio |           |

No information available. Persistence and Degradability

**Bioaccumulation** No information available.

**Other Adverse Effects** 

No information available.

## 13. DISPOSAL CONSIDERATIONS

**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.

### 14. TRANSPORT INFORMATION

DOT Regulated **UN/ID No UN3266** 

Proper shipping name Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)

Hazard class **Packing Group Emergency Response Guide Number 154** 

# 15. REGULATORY INFORMATION

International Inventories

**TSCA** Complies

Leaend

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 not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

### 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

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## 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, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

## **U.S. State Regulations**

### **California Proposition 65**

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

None.

#### **U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

| 16. OTHER INFORMATION |                 |                       |                   |  |
|-----------------------|-----------------|-----------------------|-------------------|--|
| NFPA                  | Health Hazard 1 | <b>Flammability</b> 0 | Instability 0     | Physical and Chemical<br>Hazards - Cor |
| <u>HMIS</u>           | Health Hazard 1 | Flammability 0        | Physical Hazard 0 | Personal Protection A                  |
|                       |                 |                       |                   |  |

**Accurate Companies Prepared By** 731 W. Fairmont Dr. Tempe, AZ 85282 602-996-9191

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### 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**