

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

Emergency Telephone Number CHEMTREC: 1-800-424-9300
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 goggles, glove and /or face shield.



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 (CO₂). 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.

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

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
Sodium hydroxide 1310-73-2	2mg/m ³ TWA	2mg/m ³ TWA	2mg/m ³ 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>	
pH	13.0-14.0	None known	
Melting Point/Range	No data available	None known	
Boiling Point/Boiling Range	212 °F	None known	

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	
Vapor Pressure	No data available	None known
Vapor Density	No data available	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/water	No 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 Not explosive

Oxidizing Properties 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.

Hazardous decomposition products None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause irritation of respiratory tract.
Eye Contact	Contact 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/m ³ (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

Sensitization No information available.
Mutagenic Effects No information available.
Carcinogenicity Contains no ingredient listed as a carcinogen.

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 Daphnia magna	96hr LC50 >20mg/l Brachydanio rerio	-

Persistence and Degradability No information available.

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

UN/ID No	Regulated
Proper shipping name	UN3266
Hazard class	Corrosive liquid, basic, inorganic, n.o.s. (Sodium Hydroxide)
Packing Group	8
Emergency Response Guide Number	II
	154

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

Legend

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

**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

<u>NEPA</u>	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards - Cor
<u>HMIS</u>	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal Protection A

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Issuing Date 1-June-2015
Revision Date 24-February-2023
Revision Note Changed formula

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