Safety Data Sheet: ALOEDERM, MM

Supercedes Date 01/21/2013 **Issuing Date** 08/14/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ALOEDERM, MM
Recommended use Cleaning agent
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 0530
Chemical nature Aqueous solution
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Light green **Physical State** Liquid **Odor** Mild Pleasant

GHS
Classification
Physical Hazards
None
Health Hazard
Serious Eye Damage/Eye Irritation Category 2B
Other hazards
None

Labeling
Signal Word
WARNING

Hazard Statements
H320 - Causes eye irritation

Precautionary Statements
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.

8 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Sodium (C14-16) olefin sulfonate	68439-57-6	5-10
Aloe extract	94349-62-9	3-7
PEG-4 Rapeseedamide	85536-23-8	1-5
Sodium chloride	7647-14-5	1-5

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4. FIRST AID MEASURES

General advice Avoid contact with eyes.
Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact No hazards which require special first aid measures.
Inhalation If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point > 201 °F / > 94 °C **Method** Seta closed cup
Flammability Limits in Air % No information available. **Upper** No data available **Lower** No data available
Suitable Extinguishing Media
Dry powder. Carbon dioxide (CO2). Water spray. Foam. Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical
Material can create slippery conditions.
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.

NFPA	**Health** 1	**Flammability** 1	**Instability** 0
HMIS	**Health** 1	**Flammability** 1	**Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.
Environmental Precautions No special environmental precautions required.
Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up Pick up and transfer to properly labeled containers.
Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes.
Storage Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.
Storage Temperature **Minimum** 40 °F / 4 °C **Maximum** 100 °F / 38 °C
Storage Conditions **Indoor** X **Outdoor** **Heated** **Refrigerated**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Sodium chloride	No data available	5 mg/m^3 PNOR (as solid)	No data available

Engineering Measures Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment
Eye/Face Protection Not required under normal use.
Skin Protection Not required under normal use
Respiratory Protection Not required under normal use.
General Hygiene Considerations Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	**Viscosity**	Viscous
Color	Light green	**Odor**	Mild Pleasant
Odor Threshold	Not applicable	**Appearance**	Transparent
pH	6.5	**Specific Gravity**	1.03
Evaporation Rate	0.5 (Butyl acetate=1)	**Percent Volatile (Volume)**	82.3
VOC Content (%)	0.2	**VOC Content (g/L)**	2
Vapor Pressure	16.6 mmHg @ 70°F	**Vapor Density**	0.6 (Air = 1.0)
Solubility	Soluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	210 °F / 99 °C	**Flammability (solid, gas)**	No data available
Flash Point	> 201 °F / > 94 °C	**Method**	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	No information available.	**Upper** No data available **Lower** No data available	

10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.
Conditions to Avoid None known
Incompatible Products Strong oxidizing agents, Strong acids, Reducing agents.
Hazardous Decomposition Products Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides, Hydrogen chloride gas, Chlorine gas.
Possibility of Hazardous Reactions None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50 No information available
Dermal LD50 No information available
Inhalation LC50
- **Gas** No information available
- **Mist** No information available
- **Vapor** No information available

Principle Route of Exposure Eye contact, Skin contact.
Primary Routes of Entry None known
Acute Effects
- **Eyes** Causes eye irritation.
- **Skin** Not hazardous.
- **Inhalation** Not hazardous by inhalation.
- **Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity None known.
Target Organ Effects None known
Aggravated Medical Conditions None known

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Sodium (C14-16) olefin sulfonate	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	no data available	no data available	no data available
Sodium chloride	= 3 g/kg (Rat)	no data available	> 42 g/m^3 (Rat) 1 h	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Sodium chloride	no data available	no data available	no data available	no data available	kidney

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Sodium (C14-16) olefin sulfonate	no data available	LC50 1.0 - 10.0 mg/L Brachydanio rerio 96 h LC50 = 12.2 mg/L Brachydanio rerio 96 h	no data available	no data available	N/A
Sodium chloride	no data available	LC50 4747 - 7824 mg/L Oncorhynchus mykiss 96 h LC50 5560 - 6080 mg/L Lepomis macrochirus 96 h LC50 6020 - 7070 mg/L Pimephales promelas 96 h LC50 6420 - 6700 mg/L Pimephales promelas 96 h LC50 = 12946 mg/L Lepomis macrochirus 96 h LC50 = 7050 mg/L Pimephales promelas 96 h	no data available	EC50 340.7 - 469.2 mg/L Daphnia magna 48 h EC50 1000 mg/L Daphnia magna 48 h	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

SARA 313

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 and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	No	No	No

CERCLA

16. OTHER INFORMATION

Prepared By	Rachael Mohochi
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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