

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name CAR-SHINE
Recommended Use Cleaning agent
Information on Manufacturer
 CERTIFIED LABS, DIV. OF NCH CORP.
 BOX 152170
 IRVING, TEXAS 75015

Product Code 0106
Chemical Nature Aqueous surfactant solution
Emergency Telephone Number
 CHEMTREC® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

WARNING
 Causes skin irritation
 Severe eye irritation
 Causes respiratory tract irritation
 Harmful if swallowed

Color Light yellow
Potential Health Effects
Principle Route of Exposure
Primary Routes of Entry
Acute Effects
Eyes
Skin
Inhalation
Ingestion
Chronic Toxicity
Target Organ Effects
Aggravated Medical Conditions
Potential Environmental Effects

Physical State Liquid

Odor Citrus

Skin contact, Eye contact.
 None known
 Severe irritation.
 Causes skin irritation.
 Causes respiratory tract irritation.
 Irritating to mouth, throat, and stomach.
 None known
 None known
 Skin disorders, Respiratory disorders.
 See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Cocamide DEA	68603-42-9
Sodium dodecylbenzenesulfonate	25155-30-0

4. FIRST AID MEASURES

General Advice Avoid contact with skin, eyes, and clothing. Avoid breathing vapors or mists.
Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
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 immediately. Never give anything by mouth to an unconscious person.
Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Not combustible **Method** Not applicable
Autoignition Temperature No information available.
Flammability Limits in Air % Not applicable. **Upper** No data available **Lower** No data available
Suitable Extinguishing Media
 Water spray. Foam. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. 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** 2 **Flammability** 1 **Instability** 0
HMS **Health** 2 **Flammability** 1 **Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. 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 skin, eyes, and clothing. Avoid breathing vapors or mists. Remove and wash contaminated clothing before re-use.			
Storage	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze.			
Storage Temperature	Minimum	35°F/2°C	Maximum	120°F/49°C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Cocamide DEA	No data available	No data available	No data available
Sodium dodecylbenzenesulfonate	No data available	No data available	No data available

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Tightly fitting safety goggles.

Skin Protection

Wear suitable protective clothing, Impervious gloves.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Semi-viscous
Color	Light yellow	Odor	Citrus
Appearance	Transparent	pH	9.9
Specific Gravity	1.04	Evaporation Rate	0.5 (Butyl acetate=1)
Percent Volatile (Volume)	82.7	VOC Content (%)	0.28
VOC Content (g/l)	2.9	Vapor Pressure	16.4 mmHg @ 70 °F
Vapor Density	0.6 (Air = 1.0)	Solubility	Completely soluble
Boiling Point/Range	210°F/99°C		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable. Hazardous polymerization does not occur.

Conditions to Avoid

None known.

Incompatible Products

Strong oxidizing agents

Hazardous Decomposition Products

Carbon oxides, Nitrogen oxides (NOx), Sulfur oxides.

Possibility of Hazardous Reactions

None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Cocamide DEA	12400 µL/kg (Rat)	no data available	no data available	no data available	no data available
Sodium dodecylbenzenesulfonate	438 mg/kg (Rat)	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Cocamide DEA	no data available	no data available	no data available	no data available	no data available
Sodium dodecylbenzenesulfonate	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

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

Component	ACGIH	IARC	NTP	OSHA	Other
Cocamide DEA	not applicable	not applicable	not applicable	not applicable	not applicable
Sodium dodecylbenzenesulfonate	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Cocamide DEA	no data available	96 Hr LC50 Brachydanio rerio: 3.6 mg/L [semi-static]	EC50 = 6000 mg/L 16 h	24 Hr EC50 Daphnia magna: 4.2 mg/L	N/A
Sodium dodecylbenzenesulfonate	no data available	96 Hr LC50 Oncorhynchus mykiss: 10.8 mg/L [static]	no data available	no data available	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 Title 40n 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

Component	Hazardous Substances RQs	CERCLA EHS RQs
Cocamide DEA	Not applicable	Not applicable
Sodium dodecylbenzenesulfonate	1000 lb	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials



16. OTHER INFORMATION

Prepared By Mike McDowell
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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