



Hawaii's only locally manufactured cleaning product line

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Safety Data Sheet

Section 1. Identification

Product Identifier:

Auto Wash and Wax

Recommended Use:

Car wash and wax

Manufacturer:

ABC Corporation

Company Address

94-085 Leonui St.

Waipahu, HI 96797

Company Telephone

(808) 671-2671

CHEMTREC Emergency Phone

1(800) 424-9300

Number (24hr hotline)

Section 2. Hazard(s) Identification

Hazard classification

Carcinogenicity 2

Skin corrosion/irritation 2

Eye damage/irritation 2B

Label elements

Pictogram(s):



Signal Word:

WARNING

Hazard Statement(s):

H315: Causes skin irritation.

H320: Causes eye irritation.

H351: Suspected of causing cancer.

Precautionary Statement(s):

Prevention:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves, protective clothing, eye protection and face protection.

P264: Wash exposed skin thoroughly after handling.

Response:

P308+P313: If exposed or concerned: Get medical attention.

P302+P352: If on skin: wash with plenty of water.

P332+P313: If skin irritation occurs: Get medical attention.

P362: Take off contaminated clothing and wash before reuse.

P305+P351+P338: If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

P337+P313: If eye irritation persists, get medical attention.

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents and container in accordance with local, regional, national, and international regulations.

Section 3. Composition/Information on ingredients

Name	Synonyms	CAS No.	%	GHS-US classification
Cocoamine DEA	N/A	68603-42-9/68155-07-7	<10%	Skin irritant 2; Eye irritant 2; Carcinogen 2
Nonylphenol, ethoxylated	N/A	127087-87-0	<10%	
Polyethylene Glycol	N/A	25322-68-3	<10%	
Oleylimidazolium Hydrochloride	N/A	62449-33-6	<10%	
Diethanolamine	DEA	111-42-2	<5%	
Glycerine	N/a	56-81-5	<5%	
Formaldehyde	DMDM	50-00-0	<1%	Eye irritant; Skin irritant; Respiratory tract irritant
1,3 Bis(hydroxymethyl) 5-5-dimethylimidazolidine-2-4-dione	Hydantoin	6440-58-0	<1%	
Fragrance	N/A	Not required	<1%	Eye irritant 2B; Skin irritant 2
Dye	NA	Not required	<1%	Eye irritant 2B; Respiratory tract irritant

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4. First Aid Measures

General:	If you feel unwell, seek medical advice (show the label where possible).
Inhalation:	When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
Skin Contact:	Remove contaminated clothing. Drench affected area with water for at least 15 minutes.
Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Ingestion:	Rinse mouth. Do NOT induce vomiting until speaking with a physician or emergency responder. Never give anything by mouth to an unconscious person.
Most Important symptoms/effects, acute and delayed:	Eye irritation (redness of eyes, increased flow of tears, blurred vision), Skin irritation (itching, rash)
Indication of immediate medical attention and special treatment needed:	Provide general supportive measures and treat symptomatically. If seeking medical attention, provide SDS to physician or doctor. Symptoms may be delayed.

Section 5. Firefighting measures

Extinguishing Media:	Dry chemical, carbon dioxide, waterspray, foam, or fog.
Unsuitable extinguishing media:	High volume water jet.
Special hazards arising from the substance or mixture	ND
Fire Hazard:	ND
Explosion Hazard:	ND
Reactivity:	Stable
Instruction/Advice for Firefighters:	Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Small fires: Move containers from fire area if you can do it without risk.
Protection during firefighting:	Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6. Accidental release measures

Personal Precautions, protective equipment and emergency procedures

General Measures: Do not walk through spilled material. Wear appropriate personal protective equipment. Avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate the area before entry.

For non-emergency personnel

Protective Equipment: Use appropriate PPE
Emergency procedures: Evacuate unnecessary personnel. Only personnel trained on Emergency Standard Operating Procedure should aid in clean up.

For Emergency responders

Protective Equipment: Equip cleanup crew with proper protection. Use appropriate personal protection equipment (PPE).
Emergency procedures: Follow Standard Operating Procedures for facility where accidental release occurred.
Environmental Precautions: Prevent spills from entering waterways.
Methods and material for containment and cleaning up: Absorb and/or contain spill with inert material, then place in suitable container. Clean up spills immediately and dispose of waste safely and in accordance with state and federal regulations.

Section 7. Handling and Storage

Precautions for safe handling

Additional hazards when processed: ND
Precautions for safe handling: Wear appropriate PPE when handling concentrated material.
Hygiene Measures: Wear appropriate PPE.

Conditions for safe storage, including any incompatibilities

Technical Measures: ND
Incompatible materials: None known to ABC Corporation. Never mix chemicals.

Storage area: Store in a cool dry place away from direct sunlight.
 Special rules on packaging: ND

Section 8. Exposure controls/personal protection

Control Parameters

Name	ACGIH	NIOSH	OSHA
Cocoamine DEA	Not determined	Not determined	Not determined
Nonylphenol, ethoxylated	Not determined	Not determined	Not determined
Polyethylene Glycol	Not determined	Not determined	10mg/m3
Oleylimidazolium Hydrochloride	Not determined	Not determined	Not determined
Diethanolamine	1mg/m3	Not determined	10mg/m3
Glycerine	Not determined	Not determined	5mg/m3
Formaldehyde	0.3ppm ceiling	Not determined	0.75ppm
1,3 Bis(hydroxymethyl) 5-5-dimethylimidazolidine-2-4-dione	Not determined	Not determined	Not determined
Fragrance	Not determined	Not determined	Not determined
Dye	Not determined	Not determined	Not determined

TWA - Time-Weighted Averages based on 8hr/day, 40hr/week exposure

Exposure Controls

Engineering Controls: Ensure adequate ventilation and good general extraction.
 Personal Protective Equipment: Gloves, goggles when splash hazard is present.
 Hand protection: Gloves
 Eye protection: Chemical goggles or safety glasses
 Skin and body protection: Always wear proper clothing and shoes when dispensing hazardous chemicals.
 Respiratory protection: Not necessary
 Other protective measures: ND

ND - Not Determined

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

Physical State: Liquid
 Appearance: Clear light blue liquid
 Color: Clear light blue
 Odor: Fresh linen scent
 Odor threshold: ND
 pH: 8.5
 Melting point: ND
 Freezing point: ND
 Boiling point: ND
 Flash Point: ND
 Relative evaporation rate (butylacetate=1): ND
 Flammability: ND
 Explosive limits: ND
 Vapor Pressure: ND
 Vapor Density: ND
 Relative Density: ND

Solubility:	Very soluble in water
Partition coefficient (n-octanol/water):	ND
Auto-ignition temperature:	ND
Decomposition Temperature:	ND
Viscosity:	ND

ND - Not Determined

Section 10. Stability and Reactivity

Reactivity:	Stable under normal use conditions.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	ND
Conditions to avoid:	None known to ABC Corporation under normal use conditions.
Incompatible Materials:	None known to ABC Corporation.
Hazardous Decomposition Products	None known to ABC Corporation under normal use conditions.

Section 11. Toxicological Information

Information on toxicological effects

Acute toxicity:	Not toxic.
Skin corrosion/irritation (acute):	May cause skin irritation.
Skin corrosion/irritation (Chronic):	Not expected to cause long term effects.
Serious eye damage/irritation (acute):	May irritate eyes.
Serious eye damage/irritation (chronic):	Not expected to cause long term effects.
Respiratory corrosion/irritation (acute):	May cause respiratory irritation.
Respiratory corrosion/irritation (chronic):	Not expected to cause long term effects.
Ingestion (acute):	May cause irritation to gastrointestinal tract if ingested.
Ingestion (chronic):	May cause irritation to gastrointestinal tract if ingested.
Germ cell mutagenicity:	ND
Carcinogenicity:	Both cocoamide DEA (CAS 68603-42-9) and Diethanolamine (CAS 111-42-2) are considered "2B - Possibly carcinogenic to humans" by IARC. Diethanolamine (CAS 111-42-5) is considered "A3 - Confirmed animal carcinogen with unknown relevance to humans" by ACGIH. Both Cocoamide DEA (CAS 68603-42-9/68155-07-7) and Diethanolamine (CAS 111-42-2) are listed in CA Prop 65 as chemicals known to the State of California to cause cancer.
Reproductive Toxicity:	ND
Specific target organ toxicity (single exposure):	ND
Specific target organ toxicity (repeated exposure):	ND
Aspiration hazard:	ND
Symptoms/injuries after eye contact:	May cause eye irritation.

Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

Numerical Measures of Toxicity: ND

ND - Not determined

Section 12. Ecological Information

Ecotoxicity: ND

Persistence and degradability: ND

Bioaccumulative Potential: ND

Mobility in soil: ND

Other adverse effects: ND

ND - Not determined

Section 13. Disposal Considerations

Waste disposal recommendations: To be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information: N/A

Section 14. Transport Information

UN Number: N/A

DOT NA no: N/A

UN Proper Shipping name: N/A

Hazard Class: N/A

Hazard Label: N/A

Packing Group: N/A

DOT packaging exceptions: N/A

Section 15. Regulatory Information

US Federal Regulations: Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standards, this product contains materials that are considered hazardous.

Section 16. Other Information

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

January 5, 2018 last revised.