



SAFETY DATA SHEET

1 – IDENTIFICATION

IDENTIFIER	CONCENTRATED WASH AND WAX
PRODUCT CODE	840-016, 840-032, 840-064, 841-01, 842-05, 842-15, 843-55
RECOMMENDED USE	Wash and wax car soap.
RESTRICTIONS ON USE	Do not use with other cleaning products.
SUPPLIER / MANUFACTURER	AUTO-CHEM INC 33 de Lyon Repentigny, QC J5Z 4Z3 450-654-9292 www.autochem.com
EMERGENCY TELEPHONE	CANUTEC 1-613-996-6666 (24 hours)

2 – HAZARD IDENTIFICATION

CLASSIFICATION	Carcinogenicity 2	
LABEL ELEMENTS		
SIGNAL WORD	WARNING	
HAZARD STATEMENT	H351	Suspected of causing cancer.
PRECAUTIONARY STATEMENTS – PREVENTION	P201 P202 P280	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.
PRECAUTIONARY STATEMENTS – RESPONSE	P308+P313	IF exposed or concerned: Get medical advice/attention.
PRECAUTIONARY STATEMENTS – STORAGE	P405	Store locked up.
PRECAUTIONARY STATEMENTS - ELIMINATION	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
OTHER HAZARDS	Not applicable.	

3 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S	CONCENTRATION
Cocamide diethanolamine	68603-42-9	0.5 – 1.5 *

* TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

4 – FIRST AID MEASURES

ROUTE OF EXPOSURE	Inhalation, eyes, skin, ingestion
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INHALATION	IF INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
DERMAL	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
OCULAR	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
ORAL	NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.
NOTE TO PHYSICIAN	Specific treatment: Treat symptomatically.

5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Chemical foam, CO ₂ , water mist.
UNSUITABLE EXTINGUISHING MEDIA	Direct water spray will cause important formation of foam.
SPECIFIC HAZARDS	Carbon oxides, acid smoke.
PROTECTIVE EQUIPMENT	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
PRECAUTIONS	Do not let water run-off reach sewers, ditches or waterways.

6 – ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT	Wear appropriate respiratory equipment (See Section 8). Avoid direct contact with product. Remove non-essential personnel.
CONTAINMENT AND CLEAN UP	Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.
ENVIRONMENTAL PRECAUTIONS	Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

7 – HANDLING AND STORAGE

HANDLING	Containers must be identified correctly. Handle in a well ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.
STORAGE	Store in a well-ventilated place. Keep cool. Store away from incompatible materials. Keep containers closed.

INCOMPATIBLE MATERIALS	Strong oxidants, acids, alkalis.
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8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
Cocamide diethanolamine	68603-42-9		No established value.

ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels to an acceptable level.
RESPIRATORY PROTECTION	Maintain atmospheric concentrations below exposure limits. If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.
PROTECTIVE EQUIPMENT AND CLOTHING	Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Insure that eyewash stations, showers and cleaning stations are near to work station.
OCULAR PROTECTION	Chemical goggles; also wear a face shield if splashing hazard exists.
GENERAL HYGIENE RECOMMENDATIONS	Ensure that eyewash stations and safety showers are proximal to the work-station location. Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.

9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Blue viscous liquid, transparent.
ODOUR	Blueberry
ODOUR TRESHOLD	Not available.
pH	6.9
MELTING / FREEZING POINT	0°C
INITIAL BOILING POINT	100°C
FLASH POINT	Not applicable.
EVAPORATION RATE	Not available.
FLAMMABILITY	Not flammable
LOWER FLAMMABLE/EXPLOISE LIMIT	Not applicable.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not applicable.
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	Not available.
RELATIVE DENSITY	1.06
SOLUBILITY (in water)	Soluble
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
DECOMPOSITION TEMPERATURE	Not available.

VOC	0.0 g/L (0.0 Kg/Kg)
VISCOSITY	> 1000 cSt

10 – STABILITY AND REACTIVITY

REACTIVITY	Stable under recommended usage.
CHEMICAL STABILITY	Stable under normal usage conditions.
HAZARDOUS REACTIONS	Polymerization will not occur.
CONDITIONS TO AVOID	Incompatible materials.
INCOMPATIBLE MATERIALS	Strong oxidizers, acids, alkalis, other cleaning products.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbone oxides.
ADDITIONAL INFORMATION	None.

11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	No harmful effect reported.
DERMAL	No harmful effect reported.
OCULAR	May cause light irritation. Redness, tearing.
ORAL	May cause gastric distress if ingested in large quantities. Nausea, vomiting.
CHRONIC EFFECTS	
INHALATION	No data
DERMAL	No data
OCULAR	No data
ORAL	No data
ADDITIONAL INFORMATION	
CARCINOGENIC EFFECTS (IARC)	Cocamide DEA 68603-42-9 Groupe 2B :Suspected of causing cancer.
MUTAGENIC EFFECTS	No data
TERATOGEN EFFECTS	No data
REPRODUCTION	No data
SENSIBILISATION	No data
TARGET ORGANS	No data
AGGRAVATED CONDITIONS	No data
SYNERGISTIC SUBSTANCES	No data

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Cocamide diethanolamine	68603-42-9	2700, rat	2000, rabbit	No data

12 – ECOLOGICAL INFORMATION

Cocamide diethanolamine	68603-42-9
CL 50 3.6 mg/L, 96 hrs.	Danio rerio
CE 50 2.15 mg/L, 48 hrs.	Daphnia pulex
CE 50 2.2 mg/L, 72 hrs.	Desmodesmus subspicatus

PERSISTENCE AND DEGRADABILITY	Not available.
BIOACCUMULATIVE POTENTIAL	Not available.
SOIL MOBILITY	Not available.
OTHER ADVERSE EFFECTS	Not available.
ADDITIONAL INFORMATION	Do not let material or fire-fighting water run-off enter sewers or waterways. Obstruct drains and ditches. Affected areas must be cleaned and restored to their original conditions or to the satisfaction of the authorities.

13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD	Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.
CONTAMINATED PACKAGING	Empty containers should be recycled or disposed of through an approved waste management facility.

14 – TRANSPORT INFORMATION

TRANSPORT OF DANGEROUS GOODS (CANADA)	Not regulated for transport.
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MARINE POLLUTANT	No
SPECIAL PRECAUTIONS	None

15 – REGULATORY INFORMATION

CANADA	
CEPA	All components of this product are either listed or exempt from listing on the Domestic substances List (DSL).
USA	
TSCA	All components of this product are either listed or exempt from listing on the Toxic Substances Control Act (TSCA) Inventory.

16 – OTHER INFORMATION

VERSION	2.0
DATE	21 February 2018
PREPARED BY	AUTO-CHEM INC

ABBREVIATIONS	ABBREVIATIONS
ACGIH AIHA CAS CEPA CIRC CL / LC DL / LD CE / EC IARC LCPE LES/NDSL LIS/DSL NIOSH NTP OSHA PEL SIMDUT STEL STOT TCOC TLV TSCA TWA USEPA VECD VEMP WHMIS	American Conference of Governmental Industrial Hygienists American Industrial Hygiene Association Chemical Abstract Service Canadian Environmental Protection Act Centre International pour la Recherche sur le Cancer Concentration létale /Lethal concentration Dose létale / Lethal dose Concentration efficace / Effective concentration International Agency for Research on Cancer Loi Canadienne sur la Protection de l'Environnement Liste extérieure des substances / Non domestic substances list Liste intérieure des substances / Domestic substances list National Institute for Occupational Safety and Health National Toxicology Program (U.S.A.) Occupational Safety and Health Administration (U.S.A.) Permissible Exposure Limit Système d'information sur les matières dangereuses utilisées au travail Short-term Exposure Limit Specific target organ toxicity Toxicité pour certains organes cibles Threshold Limit Value Toxic Substances Control Act Time Weighted Average United States Environmental Protection Agency Valeur exposition courte durée Valeur exposition moyenne pondérée Workplace Hazardous Materials Information System
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