

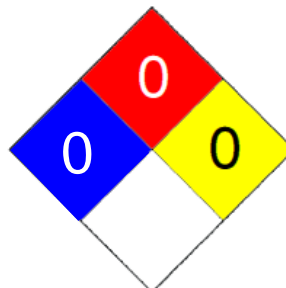
1. Product and Company Identification

Product Name Q Clean
CAS # Mixture
Product for Use General Purpose Cleaner
Manufacturer AA Natural Products
P.O. Box 3271
Ann Arbor, MI 48106
800-862-4242
800-862-4242
800-862-4242
Fax 734-268-4406

Email:
Emergency Phone

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 0
Flammability	0
Physical Hazard	0
Personal Protection	B



2. Hazards Identification

Emergency Overview CAUTION
Eye and skin irritant.

Potential short term health effects

Routes of exposure Eye, Skin contact, Inhalation, Ingestion.

Eyes May cause irritation.

Skin May cause irritation.

Inhalation May cause respiratory tract irritation.

Ingestion May cause stomach distress, nausea or vomiting.

Target organs Eyes. Skin.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, oedema, drying, defatting and cracking of the skin.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition/Information on Ingredients

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Coconut Oil Fatty Acids	61788-47-4	.5-3%	Not established	Not Available	Not Available
Alkylpolyglucoside C9-11	132778-08-6	.4-.8%	Not established	Not Available	>2,000 mg/kg
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	.2-.5	Not established	Not Available	2700 mg/kg

4. First Aid Measures

First aid procedures

Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin contact Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

Notes to physician Symptoms may be delayed.

General advice

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire-fighting Measures

Flammable properties	Not flammable by WHMIS criteria.
Extinguishing media	
Suitable extinguishing media	Dry chemical. Carbon dioxide. Foam.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products	None
Explosion data	
Sensitivity to mechanical impact	Not available
Sensitivity to static discharge	Not available

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
Methods for containment	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use good industrial hygiene practices in handling this material. When using do not eat or drink.
Storage	Keep out of reach of children. Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection

Exposure limit values	
Ingredient(s)	Exposure limit values
Coconut Oil Fatty Acids Alkylpolyglucoside C9-11	ACGIH-TLV Not established
Engineering controls	General ventilation normally adequate.
Personal protective equipment	
Eye/Face protection	Wear safety glasses with side shields.
Hand protection	Rubber gloves. Confirm with a reputable supplier first.
Skin and body protection	As required by employer code.
Respiratory protection	Not normally required if good ventilation is maintained and exposure guidelines are not exceeded. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Clear
Colour	Light Yellow
Form	Slight odour
Odour threshold	Not Available
Physical state	Liquid
pH	8.6-9.0
Freezing point	Not available
Boiling point	101 C (214 F)
Our point	Not available
Flash point	None
Evaporation rate	<1(BuAc=1)
Flammability limits in air, lower,% By volume	Not applicable
Flammability limits in air, upper,% By volume	Not applicable
Vapour pressure	Not available
Vapour Density	Heavier than air
Specific gravity	1.01 (H2O=1)
Relative Density	8.4 lbs/gal
Octanol/water coefficient	Not available
Solubility (H2O)	Complete
Auto ignition temperature	Not applicable
Viscosity	Slightly viscous

10. Stability and Reactivity

Chemical stability	Stable
Conditions to avoid	None
Incompatible materials	None known
Hazardous decomposition products	None
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Component Analysis Ingredient(s)	LC50	LD50
Coconut Oil Fatty Acids	Not Available	Not Available
Alkylpolyglycoside C9-11	Not Available	oral rat >2000 mg/kg
Amides, coco, N,N-bis(hydroxyethyl)	Not Available	2700 mg/kg rat

Effects of acute exposure

Eye	May cause irritation.
Skin	May cause irritation.
Inhalation	May cause respiratory tract irritation.
Ingestion	May cause stomach distress, nausea or vomiting.
Sensitisation	Non-hazardous by WHMIS criteria.
Chronic effects	Non-hazardous by WHMIS criteria.
Carcinogenicity	Non-hazardous by WHMIS criteria.
Mutagenicity	Non-hazardous by WHMIS criteria.
Reproductive effects	Non-hazardous by WHMIS criteria.
Teratogenicity	Non-hazardous by WHMIS criteria.

12. Ecological Information

Ecotoxicity Components of this product have been identified as having potential environmental

Ecotoxicity– Freshwater Fish

Coconut Oil Fatty Acids	61788-47-4	Not Available
Alkylpolyglycoside C9-11	132778-08-6	LC50>1-<= 10 mg product/l. (analogy)
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	96 hr Brachydanio rerio 710 mg/kg

Acute bacterial toxicity

Coconut Oil Fatty Acids	61788-47-4	Not Available
Alkylpolyglycoside C9-11	132778-08-6	EC0>100 mg/product/l. (analogy)
Amides, coco, N,N-bis(hydroxyethyl)	68603-42-9	Not Available

Environmental effects Not available

Aquatic toxicity Not available

Persistence and degradability Not available

Bioaccumulation/accumulation Not available

Partition coefficient Not available

Mobility in environmental media Not available

Chemical fate information Not available

Other adverse effects Not available

13. Disposal Considerations

Waste codes Not available

Disposal instructions Review federal, provincial, and local government requirements prior to disposal.

Waste from residues / unused products Not available

Contaminated packaging Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS classification Class D - Division 2B

WHMIS status Controlled

WHMIS labeling



Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other Information

Disclaimer: Information contained herein was obtained from sources considered accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, express or implied is made, and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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