

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
 Trade name : Essential-C Cleanser
 Product code : 1136-05

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cosmetics

1.3. Supplier

Murad, LLC
 2121 Park Place, 1st Floor
 El Segundo, CA 90245
 T (310) 726-0600
www.murad.com

1.4. Emergency telephone number

Emergency number : (310) 726-0600

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

Not classified

2.2. GHS Label elements, including precautionary statements**GHS US labeling**

No labeling applicable

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients**3.1. Substances**

Not applicable

3.2. Mixtures

Name	Product identifier	Conc.	GHS US classification
Cocamidopropyl Betaine	(CAS-No.) 61789-40-0	<20	Aquatic Acute 2, H401
Glycerin	(CAS-No.) 56-81-5	<5	Acute Tox. 4 (Inhalation:dust,mist), H332

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures**4.1. Description of first aid measures**

First-aid measures general : Never give anything by mouth to an unconscious person. If affected person feels unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : If affected person is experiencing breathing difficulty, allow affected person to breathe fresh air. Allow affected person to rest.

First-aid measures after skin contact : If adverse skin reaction occurs, remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

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Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

5.2. Specific hazards arising from the chemical

Fire hazard : Not flammable.
Explosion hazard : Product is not explosive.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clear up spills immediately and dispose of waste safely.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep container closed to avoid product contamination.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.
Incompatible products : Strong bases. Strong acids.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

None needed.

Hand protection:

None needed

Eye protection:

None needed

Skin and body protection:

None needed

Respiratory protection:

None needed

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear to slightly hazy, semi-viscous liquid with yellow suspended beads
Color	: Straw
Odor	: Mild citrus
Odor threshold	: No data available
pH	: 5.8 – 6.6
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.98 – 1.02 g/cm ³
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: 6,000 – 10,000 cP
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None.

10.2. Chemical stability

Product is stable.

10.3. Possibility of hazardous reactions

Stable.

10.4. Conditions to avoid

Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Smokes. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Butylene glycol (107-88-0) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	18610 mg/kg
LC50 Inhalation - Rat [ppm]	> 60 ppm (Exposure time: 8 h)
ATE US (oral)	18610 mg/kg body weight

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Retinyl palmitate (79-81-2) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	7910 mg/kg
ATE US (oral)	7910 mg/kg body weight
Water (7732-18-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	201 ml/kg
ATE US (oral)	201000 mg/kg body weight
Phenoxyethanol (122-99-6) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1850 mg/kg
LD50 dermal rat	14422 mg/kg
LD50 dermal rabbit	5 ml/kg
LC50 Inhalation - Rat	> 0.057 mg/l (Exposure time: 8 h)
ATE US (oral)	1850 mg/kg body weight
ATE US (dermal)	5547 mg/kg body weight
ATE US (dust, mist)	0.05 mg/l/4h
Tocopheryl acetate (7695-91-2) (Historical information; not tested on animals for cosmetics)	
LD50 dermal rat	> 3000 mg/kg
Sodium PCA (54571-67-4) (Historical information; not tested on animals for cosmetics)	
LD50 dermal rat	> 2000 mg/kg
Sodium benzoate (532-32-1) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	4070 mg/kg
ATE US (oral)	4070 mg/kg body weight
Potassium sorbate (590-00-1) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	3200 mg/kg
ATE US (oral)	3200 mg/kg body weight
Benzyl alcohol (100-51-6) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1230 mg/kg
LD50 dermal rabbit	2 g/kg
LC50 Inhalation - Rat	> 4178 mg/m ³ (Exposure time: 4 h)
ATE US (oral)	1230 mg/kg body weight
ATE US (dermal)	2000 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
Aminomethyl propanol (124-68-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2900 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE US (oral)	2900 mg/kg body weight
Ascorbic acid (50-81-7) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	11900 mg/kg
ATE US (oral)	11900 mg/kg body weight
Cocamidopropyl betaine (61789-40-0) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
Tetrasodium EDTA (64-02-8, 13235-36-4) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	1658 mg/kg
ATE US (oral)	1658 mg/kg body weight
Citric acid (77-92-9) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	3 g/kg
LD50 dermal rat	> 2000 mg/kg
ATE US (oral)	3000 mg/kg body weight
Limonene (5989-27-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	4400 mg/kg

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Limonene (5989-27-5) (Historical information; not tested on animals for cosmetics)	
LD50 dermal rabbit	> 5 g/kg
ATE US (oral)	4400 mg/kg body weight
Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2790 mg/kg
LD50 dermal rabbit	5610 mg/kg
ATE US (oral)	2790 mg/kg body weight
ATE US (dermal)	5610 mg/kg body weight
Citral (5392-40-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	4960 mg/kg
LD50 dermal rabbit	2250 mg/kg
ATE US (oral)	4960 mg/kg body weight
ATE US (dermal)	2250 mg/kg body weight
Glycerin (56-81-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10 g/kg
LC50 Inhalation - Rat	> 2.75 mg/l/4h
ATE US (oral)	12600 mg/kg body weight
ATE US (dust, mist)	1.5 mg/l/4h
Sodium chloride (7647-14-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	3 g/kg
LD50 dermal rabbit	> 10000 mg/kg
LC50 Inhalation - Rat	> 42 mg/l (Exposure time: 1 h)
ATE US (oral)	3000 mg/kg body weight
Sodium sulfate (7757-82-6) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 10000 mg/kg
LC50 Inhalation - Rat	> 2.4 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h
Caprylyl glycol (1117-86-8) (Historical information; not tested on animals for cosmetics)	
LC50 Inhalation - Rat	> 7.015 mg/l/4h
Polysorbate 20 (9005-64-5) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	37000 mg/kg
LC50 Inhalation - Rat	> 5.1 mg/l/4h
ATE US (oral)	37000 mg/kg body weight
Lactose (63-42-3) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 10 g/kg
Cellulose (9004-34-6) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	> 5 g/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 5800 mg/m ³ (Exposure time: 4 h)
Disodium EDTA (139-33-3) (Historical information; not tested on animals for cosmetics)	
LD50 oral rat	2 g/kg
ATE US (oral)	2000 mg/kg body weight

Skin corrosion/irritation	: Not classified; pH: 5.8 – 6.6
Serious eye damage/irritation	: Not classified; pH: 5.8 – 6.6
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	: No data available
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 12: Ecological information

12.1. Toxicity

Phenoxyethanol (122-99-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [2]	≥ 366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Tocopheryl acetate (7695-91-2) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	> 100 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Sodium benzoate (532-32-1)	
LC50 - Fish [1]	420 – 558 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	< 650 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Potassium sorbate (590-00-1) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	1250 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 - Crustacea [1]	750 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Benzyl alcohol (100-51-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Aminomethyl propanol (124-68-5) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	190 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	193 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Cocamidopropyl betaine (61789-40-0) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	1 – 10 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
EC50 - Crustacea [1]	6.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	2 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])
Tetrasodium EDTA (64-02-8, 13235-36-4) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	41 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 - Fish [2]	59.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Citric acid (77-92-9) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
Limonene (5989-27-5) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [2]	> 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	27.8 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	20 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Citral (5392-40-5) (Historical information; not tested on animals for cosmetics)	
EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Glycerin (56-81-5) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	> 5000 mg/l
Trisodium citrate (68-04-2) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	18000 – 32000 mg/l (Exposure time: 96 h - Species: Poecilia reticulata)
EC50 - Crustacea [1]	5600 – 10000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Sodium chloride (7647-14-5) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	5560 – 6080 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])
EC50 - Crustacea [1]	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [2]	340.7 – 469.2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
Sodium sulfate (7757-82-6) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	13500 – 14500 mg/l (Exposure time: 96 h - Species: Pimephales promelas)

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Sodium sulfate (7757-82-6) (Historical information; not tested on animals for cosmetics)	
EC50 - Crustacea [1]	2564 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	> 6800 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Caprylyl glycol (1117-86-8) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	2.2 – 22 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
Disodium EDTA (139-33-3) (Historical information; not tested on animals for cosmetics)	
LC50 - Fish [1]	320 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])

12.2. Persistence and degradability

Not established.

12.3. Bioaccumulative potential

Phenoxyethanol (122-99-6) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	1.13 (at 25 °C)
Sodium benzoate (532-32-1) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-2.13
Benzyl alcohol (100-51-6) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	1.1
Aminomethyl propanol (124-68-5) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	< 1
Citric acid (77-92-9) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	-1.72 (at 20 °C)
Linalool (78-70-6) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	2.84 – 3.1 (at 25 °C)
Citral (5392-40-5) (Historical information; not tested on animals for cosmetics)	
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)
Glycerin (56-81-5) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.76
Sodium chloride (7647-14-5) (Historical information; not tested on animals for cosmetics)	
BCF - Fish [1]	(no bioaccumulation)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

Not regulated as hazmat for transport

Transportation of Dangerous Goods

Not regulated as hazmat for transport

Transport by sea

Not regulated as hazmat for transport

Air transport

Not regulated as hazmat for transport

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SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product is not subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

Canada-Regulations

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm above the established NSRL or MADL.

U.S. - California - Proposition 65: Retinyl Palmitate (79-81-2)					
Carcinogens List	Developmental Toxicity	Reproductive Toxicity - Female	Reproductive Toxicity - Male	No significance risk level (NSRL)	Maximum allowable dose level (MADL)
No	Yes	No	No	8,000 IU/day if pregnant or nursing 10,000 IU/day	

Component	State or local regulations
Phenoxyethanol (122-99-6)	U.S. - Pennsylvania - RTK (Right to Know) List
Benzyl alcohol (100-51-6)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Aminomethyl propanol (124-68-5)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Glycerin (56-81-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Sodium sulfate (7757-82-6)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Cellulose (9004-34-6)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List

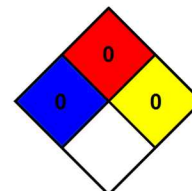
SECTION 16: Other information

Data sources : DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H-phrases listed in Sections 2 and 3:

H332 Harmful if inhaled
H401 Toxic to aquatic life

NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating
Health : 0 Minimal Hazard - No significant risk to health
Flammability : 0 Minimal Hazard - Materials that will not burn
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.