

1. Identification

Product identifier KIEHL'S GROOMING SOLUTIONS 2-IN-1
Other means of identification
SDS number 00-11-0000546
Recommended use Personal care product used for cosmetic effect.
Recommended restrictions None known.
Manufacturer/Importer/Supplier/Distributor information

US Address: L'Oreal USA Products, Inc
133 Terminal Avenue
Clark, NJ 07066
USA

Canadian Address: L'Oreal Canada
4895 rue Hickmore
Ville St-Laurent, H4T 1K5
Canada

Emergency Phone # : 1-800-535-5053 (International: 352-323-3500)
In Canada - 1-613-996-6666 (Canutec (*666 Cellular))

For further information: 1-732-499-2741

Poison Control # : 412-390-3326

2. Hazard(s) identification

Physical hazards Not classified.
Health hazards Serious eye damage/eye irritation Category 1
OSHA defined hazards Not classified.

Label elements



Signal word Danger
Hazard statement Causes serious eye damage.
Precautionary statement
Prevention Wear eye protection/face protection.
Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC) None known.
Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
COCAMIDOPROPYL BETAINE		61789-40-0	6
DISODIUM LAURETH SULFOSUCCINATE		39354-45-5	4.5
SODIUM LAURYL SULFOACETATE		1847-58-1	1.75
SODIUM LAUROYL SARCOSINATE		137-16-6	1.5
DECYL GLUCOSIDE		68515-73-1	1.46

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Do not get this material in contact with eyes. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Applicable for industrial settings only. Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	
Hand protection	Applicable for industrial settings only. Wear appropriate chemical resistant gloves.
Other	Applicable for industrial settings only. Wear suitable protective clothing.
Respiratory protection	Applicable for industrial settings only. In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Form	Viscous Liquid
Color	White
Odor	Not available.
Odor threshold	Not available.
pH	5 - 5.6
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 212 °F (> 100 °C)
Flash point	> 212.0 °F (> 100.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.

Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	>= 1.02 g/cm ³
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye damage.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity Not known.

Product	Species	Test Results
KIEHL'S GROOMING SOLUTIONS 2-IN-1		
Acute		
Dermal		
ATEmix		114400 mg/kg
Oral		
ATEmix		25250 mg/kg
Components	Species	Test Results
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)		
Acute		
Dermal		
LD50	Rat	> 620 mg/kg OECD 402
Oral		
LD50	Rat	2335 mg/kg OECD 401
DECYL GLUCOSIDE (CAS 68515-73-1)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg OECD 402
Oral		
LD50	Rat	> 5000 mg/kg OECD 401
DISODIUM LAURETH SULFOSUCCINATE (CAS 39354-45-5)		
Acute		
Dermal		
LD50	Rat	10000 mg/kg

Components	Species	Test Results
Oral LD50	Rat	> 2000 mg/kg OECD 401
SODIUM LAUROYL SARCOSINATE (CAS 137-16-6)		
Acute		
Inhalation		
<i>Aerosol</i>		
LC50	Rat	0.05 - 0.5 mg/l, 4 h OECD 403
Oral LD50	Rat	> 5000 mg/kg OECD 401
SODIUM LAURYL SULFOACETATE (CAS 1847-58-1)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral LD50	Rat	2000 - 5000 mg/kg
Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible. No adverse effects due to skin contact are expected.	
Irritation Corrosion - Skin		
DECYL GLUCOSIDE		OECD 404 Result: Not Irritating Species: Rabbit
DISODIUM LAURETH SULFOSUCCINATE		OECD 404 Result: Not Irritating Species: Rabbit
COCAMIDOPROPYL BETAINE		OECD 404 Result: Slightly Irritating Species: Rabbit
SODIUM LAUROYL SARCOSINATE		OECD 404, 30% Sol. Result: Slightly Irritating Species: Rabbit
SODIUM LAURYL SULFOACETATE		Result: Irritating Species: Rabbit
Serious eye damage/eye irritation	Causes serious eye damage.	
Irritation Corrosion - Eye		
DECYL GLUCOSIDE		OECD 405 Result: Corrosive Species: Rabbit
COCAMIDOPROPYL BETAINE		OECD 405, (C > 10%) Result: Corrosive Species: Rabbit
		OECD 405, (C ≤ 10%) Result: Irritating Species: Rabbit
SODIUM LAUROYL SARCOSINATE		OECD 405, 30% Sol. Result: Irritating Species: Rabbit
DISODIUM LAURETH SULFOSUCCINATE		Result: Corrosive Species: Rabbit
SODIUM LAURYL SULFOACETATE		Result: Irritating Species: Rabbit
Respiratory or skin sensitization		
Respiratory sensitization	Due to partial or complete lack of data the classification is not possible.	
Skin sensitization	Due to partial or complete lack of data the classification is not possible.	
Skin sensitization		
SODIUM LAUROYL SARCOSINATE		EU B.6 Result: Not Sensitizing Species: Guinea pig

Skin sensitization

COCAMIDOPROPYL BETAINE

OECD 406

Result: Not Sensitizing

Species: Guinea pig

DECYL GLUCOSIDE

OECD 406

Result: Not Sensitizing

Species: Guinea pig

SODIUM LAURYL SULFOACETATE

Result: Not Sensitizing

Species: Guinea pig

Germ cell mutagenicity

Due to partial or complete lack of data the classification is not possible.

Mutagenicity

COCAMIDOPROPYL BETAINE

Result: In vitro and in vivo tests did not show mutagenic effects.

DECYL GLUCOSIDE

Result: In vitro and in vivo tests did not show mutagenic effects.

SODIUM LAUROYL SARCOSINATE

Result: In vitro tests did not show mutagenic effects

SODIUM LAURYL SULFOACETATE

Result: In vitro tests did not show mutagenic effects

Carcinogenicity

Not classifiable as to carcinogenicity to humans. Due to partial or complete lack of data the classification is not possible.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity

Due to partial or complete lack of data the classification is not possible.

Developmental effects

SODIUM LAUROYL SARCOSINATE

>= 250 mg/kg bw/d OECD 414

Result: NOAEL

Species: Rat

DECYL GLUCOSIDE

1000 mg/kg bw/d OECD 414, No effects on development

Species: Rat

COCAMIDOPROPYL BETAINE

300 mg/kg bw/d OECD 414, No effects on development

Result: NOEL

Species: Rat

Reproductivity

DECYL GLUCOSIDE

1000 mg/kg bw/d OECD 421, No effects on fertility

Result: NOAEL

Species: Rat

SODIUM LAURYL SULFOACETATE

1000 mg/kg bw/d OECD 422

Result: NOAEL

Species: Rat

COCAMIDOPROPYL BETAINE

247 mg/kg bw/d OECD 408

Result: NOEL

Species: Rat

Specific target organ toxicity - single exposure

Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - repeated exposure

Due to partial or complete lack of data the classification is not possible.

DECYL GLUCOSIDE

1000 mg/kg bw/d EU B.26, Oral

Result: NOAEL

Species: Rat

Test Duration: 90 d

SODIUM LAUROYL SARCOSINATE

250 mg/kg bw/d OECD 408, Oral

Result: NOAEL

Species: Rat

Test Duration: 90 d

COCAMIDOPROPYL BETAINE

300 mg/kg bw/d OECD 408, Oral

Result: NOEL

Species: Rat

Test Duration: 90 d

**Specific target organ toxicity -
repeated exposure**

SODIUM LAURYL SULFOACETATE

75 mg/kg bw/d
Result: NOAEL
Species: Rat
Test Duration: 90 d

Aspiration hazard Due to partial or complete lack of data the classification is not possible.

Further information The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
COCAMIDOPROPYL BETAINE (CAS 61789-40-0)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	2.4 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	1.9 mg/l, 48 h OECD 202
Fish	LC50	Pimephales promelas	1.1 mg/l, 96 h OECD 203
Other	EC0	Pseudomonas putida	3000 mg/l, 16 h ISO 10712
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	0.32 mg/l, 21 d OECD 211
Fish	NOEC	Oncorhynchus mykiss	0.135 mg/l, 37 d OECD 210
DECYL GLUCOSIDE (CAS 68515-73-1)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	19 mg/l, 72 h DIN 38412 PT 9
Crustacea	EC50	Daphnia magna	7 mg/l, 48 h OECD 202
	NOEC	Daphnia magna	2 mg/l, 21 d OECD 202
Fish	LC50	Danio rerio	2.95 mg/l, 96 h OECD 203
Other	EC0	Pseudomonas putida	1000 mg/l, 0.5 h DIN 38412 PT 8
<i>Chronic</i>			
Fish	NOEC	Danio rerio	1.8 mg/l, 28 d OECD 204
DISODIUM LAURETH SULFOSUCCINATE (CAS 39354-45-5)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Algae	10 - 100 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia	10 - 100 mg/l, 48 h OECD 202
Fish	LC50	Danio rerio	10 - 100 mg/l, 96 h OECD 203
SODIUM LAUROYL SARCOSINATE (CAS 137-16-6)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	23.7 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	8.91 mg/l, 48 h OECD 202
Fish	LC50	Danio rerio	32.1 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h OECD 209
SODIUM LAURYL SULFOACETATE (CAS 1847-58-1)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Algae	6.8 mg/l, 72 h

Components		Species	Test Results
Crustacea	EC50	Daphnia magna	7.9 - 11.6 mg/l, 48 h
Fish	LC50	Danio rerio	4.2 mg/l, 96 h

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

COCAMIDOPROPYL BETAINE	91.6 % OECD 301 B Result: Readily Biodegradable Test Duration: 28 d
DISODIUM LAURETH SULFOSUCCINATE	> 60 % Result: Readily Biodegradable Test Duration: 28 d
SODIUM LAUROYL SARCOSINATE	82 % ISO 14593 Result: Readily Biodegradable Test Duration: 28 d
SODIUM LAURYL SULFOACETATE	>= 60 % OECD 301 D Result: Readily Biodegradable Test Duration: 28 d

Percent degradation (Aerobic biodegradation-inherent)

DECYL GLUCOSIDE	100 % OECD 301 E Result: Readily Biodegradable Test Duration: 28 d
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Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

COCAMIDOPROPYL BETAINE	4.2
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Bioconcentration factor (BCF)

COCAMIDOPROPYL BETAINE	71
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Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

IATA

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

IMDG

FINISHED GOODS

Not regulated as dangerous goods.

BULK

Not regulated as dangerous goods.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No (Exempt)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

16. Other information, including date of preparation or last revision

Issue date 03-23-2020

Version # 01

NFPA ratings Health: 3
Flammability: 1
Instability: 0

Disclaimer

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.