

SAFETY DATA SHEET

1. Identification

Product identifier	MATRIX STYLE LINK OVER ACHIEVER 3-IN-1 CREAM + PASTE + WAX
Other means of identification	
SDS number	00-38-0000117
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 2A
OSHA defined hazards	Not classified.	

Label elements



Signal word Warning
Hazard statement Causes serious eye irritation.

Precautionary statement

Prevention Wash thoroughly after handling. 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. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

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	%
STEARIC ACID		57-11-4	< 3
TRIETHANOLAMINE		102-71-6	< 3
ETHANOL		64-17-5	< 2
AMINOMETHYL PROPANOL		124-68-5	≤ 1

*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. If eye irritation persists: Get medical advice/attention.
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.
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 (CO ₂).
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	Use water spray to cool unopened containers.
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. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
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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

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
ETHANOL (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
ETHANOL (CAS 64-17-5)	STEL	1000 ppm	
STEARIC ACID (CAS 57-11-4)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
TRIETHANOLAMINE (CAS 102-71-6)	TWA	5 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm

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).

Skin protection

Hand protection Applicable for industrial settings only. Wear appropriate chemical resistant gloves.

Other Applicable for industrial settings only. Wear appropriate chemical resistant 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 Solid.
Form Wax
Color Beige to Yellow.

Odor Not available.

Odor threshold Not available.

pH 6.8 - 7.8

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 available.

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

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 Prolonged inhalation may be harmful.

Skin contact Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

Eye contact Causes serious eye irritation. No adverse effects due to eye contact are expected.

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. None expected

Information on toxicological effects

Acute toxicity Not known.

Product	Species	Test Results
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MATRIX STYLE LINK OVER ACHIEVER 3-IN-1 CREAM + PASTE + WAX

Acute

Dermal

ATEmix	26380 mg/kg
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Oral

ATEmix	47530 mg/kg
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Components	Species	Test Results
AMINOMETHYL PROPANOL (CAS 124-68-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg OECD 402
Oral		
LD50	Rat	2900 mg/kg OECD 401
ETHANOL (CAS 64-17-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 20000 mg/kg
Inhalation		
<i>Vapor</i>		
LC50	Rat	124.7 mg/l, 4 h OECD 403
Oral		
LD50	Rat	10470 mg/kg OECD 401
STEARIC ACID (CAS 57-11-4)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg bw OECD 434
Inhalation		
LC50	Rat	> 0.1621 mg/L air, 4 h
Oral		
LD50	Rat	> 5000 mg/kg bw OECD 401
TRIETHANOLAMINE (CAS 102-71-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg bw
Inhalation		
<i>Vapor</i>		
LC0	Rat	1.8 mg/m3 air, 8 h
Oral		
LD50	Rat	> 6400 mg/kg bw
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		
AMINOMETHYL PROPANOL	Draize Test Result: Irritating Species: Rabbit	
ETHANOL	OECD 404 Result: Not Irritating Species: Rabbit	
TRIETHANOLAMINE	OECD 404 Result: Not Irritating Species: Rabbit	
STEARIC ACID	Result: Not Irritating Species: Rabbit	
Serious eye damage/eye irritation	Causes serious eye irritation. No adverse effects due to eye contact are expected.	
Irritation Corrosion - Eye		
AMINOMETHYL PROPANOL	Draize Test Result: Corrosive Species: Rabbit	
ETHANOL	OECD 405 Result: Irritating Species: Rabbit	

Irritation Corrosion - Eye

TRIETHANOLAMINE

OECD 405

Result: Not Irritating

Species: Rabbit

Result: Not Irritating

Species: Rabbit

STEARIC ACID

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**

AMINOMETHYL PROPANOL

OECD 406

Result: Not Sensitizing

Species: Guinea pig

ETHANOL

OECD 406

Result: Not Sensitizing

Species: Guinea pig

TRIETHANOLAMINE

OECD 406

Result: Not Sensitizing

Species: Guinea pig

STEARIC ACID

Result: Not Sensitizing

Species: Guinea pig

Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible.**Mutagenicity**

AMINOMETHYL PROPANOL

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

ETHANOL

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

STEARIC ACID

Result: In vitro tests did not show mutagenic effects

TRIETHANOLAMINE

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**

TRIETHANOLAMINE (CAS 102-71-6)

3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity Possible reproductive hazard.**Developmental effects**

ETHANOL

> 20000 ppm OECD 414, No effects on development

Result: NOAEL

Species: Rat

STEARIC ACID

1000 mg/kg bw/d OECD 422

Species: Rat

AMINOMETHYL PROPANOL

300 mg/kg bw/d OECD 414

Result: NOEL

Species: Rat

TRIETHANOLAMINE

300 mg/kg bw/d OECD 421

Result: NOAEL

Species: Rat

Reproductivity

TRIETHANOLAMINE

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

Result: NOAEL

Species: Rat

AMINOMETHYL PROPANOL

100 mg/kg bw/d OECD 421

Result: NOEL

Species: Rat

STEARIC ACID

1000 mg/kg bw/d OECD 422

Species: Rat

ETHANOL

20700 mg/kg bw/d OECD 416, No effects on fertility

Result: NOAEL

Species: Rat

Specific target organ toxicity - single exposure Due to partial or complete lack of data the classification is not possible.

AMINOMETHYL PROPANOL

0, Respiratory
Result: Irritating

Specific target organ toxicity - repeated exposure Due to partial or complete lack of data the classification is not possible.

TRIETHANOLAMINE

0.5 mg/L air OECD 412, Inhalation
Result: NOAEC
Species: Rat

STEARIC ACID

Test Duration: 28 d
1000 mg/kg bw/d OECD 408, Oral
Result: NOAEL
Species: Rat

TRIETHANOLAMINE

Test Duration: 91 d
1000 mg/kg bw/d OECD 422
Result: NOAEL
Species: Rat

ETHANOL

125 mg/kg bw/d OECD 411, Dermal
Result: NOAEL
Species: Rat

Test Duration: 90 d
1730 mg/kg bw/d OECD 408, Oral
Result: NOAEL
Species: Rat

Aspiration hazard

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

Chronic effects

May be harmful if absorbed through skin.

Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.

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
AMINOMETHYL PROPANOL (CAS 124-68-5)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Pseudokirchneriella subcapitata	520 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	193 mg/l, 48 h
Fish	LC50	Lepomis macrochirus	190 mg/l, 96 h
Other	EC50	Activated sludge of a predominantly domestic sewage	342.9 mg/l, 3 h OECD 209
ETHANOL (CAS 64-17-5)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Pseudokirchneriella subcapitata	22200 mg/l, 96 h
Crustacea	EC50	Ceriodaphnia dubia	5012 mg/l, 48 h
Fish	LC50	Pimephales promelas	15300 mg/l, 96 h
Other	IC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	9.6 mg/l, 9 d
Fish	NOEC	Danio rerio	250 mg/l, 120 h OECD 212

Components	Species	Test Results
STEARIC ACID (CAS 57-11-4)		
Aquatic		
Algae	EC0	Pseudokirchneriella subcapitata > 0.9 mg/l, 72 h
Crustacea	EC0	Daphnia magna > 4.8 mg/l, 48 h
Fish	LC50	Leuciscus idus > 10000 mg/l, 48 h
Other	EC50	Pseudomonas putida > 883 mg/l, 30 min
TRIETHANOLAMINE (CAS 102-71-6)		
Aquatic		
<i>Acute</i>		
Algae	EC50	Desmodesmus subspicatus 512 mg/l, 72 h DIN 38412, Pt. 9
Crustacea	EC50	Ceriodaphnia dubia 609.9 mg/l, 48 h ASTM E1192
Fish	LC50	Pimephales promelas 11800 mg/l, 96 h
Other	IC50	Activated sludge of a predominantly domestic sewage > 1000 mg/l, 3 h OECD 209

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

AMINOMETHYL PROPANOL	40 % OECD 301 D Result: Not Readily Biodegradable Test Duration: 28 d
ETHANOL	84 % Result: Readily Biodegradable Test Duration: 20 d
STEARIC ACID	Result: Readily Biodegradable
TRIETHANOLAMINE	96 % OECD 301 E Result: Readily Biodegradable Test Duration: 15 d

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

ETHANOL	-0.31
STEARIC ACID	8.23
TRIETHANOLAMINE	-2.3 OECD 107

Bioconcentration factor (BCF)

TRIETHANOLAMINE	< 3.9 OECD 305 C
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Bioaccumulation

TRIETHANOLAMINE	Result: Bioaccumulation is unlikely
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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)

ETHANOL (CAS 64-17-5)

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.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ETHANOL (CAS 64-17-5)

Low priority

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

Issue date 01-21-2021

Version # 01

NFPA ratings Health: 2
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.