

1. Identification

Product identifier L'OREAL PROFESSIONNEL TEC NI ART EXTREME SPLASH
Other means of identification
SDS number 00-32-0000261
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 | % |
|-----------------|--------------------------|------------|----|
| GLYCERIN | | 56-81-5 | 10 |
| LAURETH-4 | | 9002-92-0 | 4 |
| TRIETHANOLAMINE | | 102-71-6 | 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. 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 | Alcohol resistant foam. Dry 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 | Use water spray to reduce vapors or divert vapor cloud drift. 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 this material in contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
|--------------------------------------|---|

Conditions for safe storage, including any incompatibilities Store in original 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 | Form |
|------------------------|------|---|-------------------------------------|
| GLYCERIN (CAS 56-81-5) | PEL | 5 mg/m ³ 15 mg/m ³ | Respirable fraction. Total dust. |

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|--------------------------------|------|---------------------|
| TRIETHANOLAMINE (CAS 102-71-6) | TWA | 5 mg/m ³ |

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) 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 Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves.

Other

Wear suitable protective clothing.

Respiratory protection

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

Turquoise

Odor

Characteristic.

Odor threshold

Not available.

pH

7.3 - 7.7

Melting point/freezing point

Not available.

Initial boiling point and boiling range

> 212 °F (> 100 °C)

Flash point

> 212.0 °F (> 100.0 °C)

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.

Vapor pressure

Not available.

Vapor density

Not available.

Specific gravity

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 | 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 | 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.

| Components | Species | Test Results |
|--------------------------------|----------------|-----------------------|
| GLYCERIN (CAS 56-81-5) | | |
| <u>Acute</u> | | |
| Dermal | | |
| LD50 | Rabbit | > 18700 mg/kg bw |
| Inhalation | | |
| LC50 | Rat | > 570 mg/L air, 1 h |
| Oral | | |
| LD50 | Rat | 27200 mg/kg bw |
| LAURETH-4 (CAS 9002-92-0) | | |
| Dermal | | |
| LD50 | Rat | > 2000 mg/kg OECD 402 |
| <u>Acute</u> | | |
| Oral | | |
| LD50 | Rat | 9060 mg/kg |
| TRIETHANOLAMINE (CAS 102-71-6) | | |
| <u>Acute</u> | | |
| Dermal | | |
| LD50 | Rabbit | > 2000 mg/kg bw |

| Components | Species | Test Results |
|--|--|--|
| Inhalation | | |
| <i>Vapor</i> | | |
| LC0 | Rat | 1.8 mg/m3 air, 8 h |
| Oral | | |
| LD50 | Rat | > 6400 mg/kg bw |
| * Estimates for product may be based on additional component data not shown. | | |
| Skin corrosion/irritation | No adverse effects due to skin contact are expected. | |
| Irritation Corrosion - Skin | | |
| LAURETH-4 | | OECD 404 Result: Not Irritating Species: Rabbit |
| TRIETHANOLAMINE | | OECD 404 Result: Not Irritating Species: Rabbit |
| GLYCERIN | | Result: Not Irritating Species: Rabbit |
| Serious eye damage/eye irritation | Causes serious eye damage. | |
| Irritation Corrosion - Eye | | |
| TRIETHANOLAMINE | | OECD 405 Result: Not Irritating Species: Rabbit |
| LAURETH-4 | | Result: Corrosive Species: Rabbit |
| GLYCERIN | | Result: Not Irritating Species: Rabbit |
| Respiratory or skin sensitization | | |
| Respiratory sensitization | Not a respiratory sensitizer. | |
| Skin sensitization | This product is not expected to cause skin sensitization. | |
| Skin sensitization | | |
| GLYCERIN | | 167 mg/m3 air OECD 413, Inhalation Result: NOAEL Species: Rat Test Duration: 90 d |
| LAURETH-4 | | OECD 406 Result: Not Sensitizing Species: Guinea pig |
| TRIETHANOLAMINE | | OECD 406 Result: Not Sensitizing Species: Guinea pig |
| GLYCERIN | | Result: Not Sensitizing Species: Guinea pig |
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | |
| Mutagenicity | | |
| GLYCERIN | | Result: In vitro and in vivo tests did not show mutagenic effects. |
| LAURETH-4 | | Result: In vitro and in vivo tests did not show mutagenic effects. |
| TRIETHANOLAMINE | | Result: In vitro tests did not show mutagenic effects |
| Carcinogenicity | Not classifiable as to carcinogenicity to humans. | |
| 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 1910.1001-1050) | | |
| Not regulated. | | |
| US. National Toxicology Program (NTP) Report on Carcinogens | | |
| Not listed. | | |
| Reproductive toxicity | This product is not expected to cause reproductive or developmental effects. | |

Developmental effects

GLYCERIN

1310 mg/kg bw/d, No effects on development

Result: NOAEL

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

LAURETH-4

>= 250 mg/kg bw/d OECD 416

Result: NOAEL

Species: Rat

GLYCERIN

2000 mg/kg bw/d, No effects on fertility

Result: NOAEL

Species: Rat

Specific target organ toxicity - single exposure Not classified.**Specific target organ toxicity - repeated exposure** Not classified.

TRIETHANOLAMINE

0.5 mg/L air OECD 412, Inhalation

Result: NOAEC

Species: Rat

Test Duration: 28 d

LAURETH-4

1000 mg/kg bw/d EU B.6

Result: NOAEL

Species: Rat

Test Duration: 28 d

TRIETHANOLAMINE

1000 mg/kg bw/d OECD 408, Oral

Result: NOAEL

Species: Rat

Test Duration: 91 d

125 mg/kg bw/d OECD 411, Dermal

Result: NOAEL

Species: Rat

Test Duration: 90 d

GLYCERIN

8000 mg/kg bw/d, Oral

Result: NOAEL

Species: Rat

Test Duration: 2 yr

Aspiration hazard Not an aspiration hazard.**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 |
|---------------------------|------|-------------------------|---------------------|
| GLYCERIN (CAS 56-81-5) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Algae | EC0 | Scenedesmus quadricauda | > 10000 mg/l, 192 h |
| Crustacea | EC50 | Daphnia magna | 1955 mg/l, 48 h |
| Fish | LC50 | Oncorhynchus mykiss | 54000 mg/l, 96 h |
| Other | NOEC | Pseudomonas putida | > 10000 mg/l, 16 h |
| LAURETH-4 (CAS 9002-92-0) | | | |
| Aquatic | | | |
| <i>Acute</i> | | | |
| Fish | LC50 | Oncorhynchus mykiss | 3.3 mg/l, 96 h |
| Other | IC50 | Pseudomonas putida | 100 mg/l |

| Components | Species | Test Results | |
|--------------------------------|---------|---|---------------------------------|
| 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 |

* Estimates for product may be based on additional component data not shown.

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

| | |
|-----------------|-------------------------------|
| GLYCERIN | OECD 301 |
| | Result: Readily Biodegradable |
| LAURETH-4 | Result: Readily Biodegradable |
| TRIETHANOLAMINE | 96 % OECD 301 E |
| | Result: Readily Biodegradable |
| | Test Duration: 15 d |

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

| | |
|-----------------|---------------|
| GLYCERIN | -1.76 |
| TRIETHANOLAMINE | -1 |
| | -2.3 OECD 107 |

Bioconcentration factor (BCF)

| | |
|-----------------|------------------|
| TRIETHANOLAMINE | < 3.9 OECD 305 C |
|-----------------|------------------|

Bioaccumulation

| | |
|-----------------|-------------------------------------|
| TRIETHANOLAMINE | Result: Bioaccumulation is unlikely |
|-----------------|-------------------------------------|

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.

Hazardous waste code Not regulated.

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.

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 1910.1001-1050)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

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

GLYCERIN (CAS 56-81-5)

Other Flavoring Substances with OSHA PEL's

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

Issue date 10-15-2018

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.