

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
Trade name : Scalp Care Revitalizing Treatment
Product code : AF-389

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Cosmetics

1.3. Supplier

Living Proof, Inc.
One Design Center Place
Suite 600
Boston, MA 02210
T: 617-621-1800 F: 617-621-1880

1.4. Emergency telephone number

Emergency number : Chemtrec - +1-800-424-9300 or +1-703-527-3887

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

Flammable liquids Category 3 Flammable liquid and vapor

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

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning

Hazard statements (GHS US) : Flammable liquid and vapor

Precautionary statements (GHS US) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
In case of fire: Use alcohol resistant foam, carbon dioxide (CO₂), Water spray or fog, Dry chemical to extinguish.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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	%
ISOHEXADECANE	(CAS-No.) 93685-80-4	5 - 10
Ethyl alcohol	(CAS-No.) 64-17-5	5 - 10
Distillates, petroleum, hydrotreated middle	(CAS-No.) 64742-46-7	1 - 5

Comments : *Chemical name, CAS number and/or exact concentration have been withheld as confidential business information

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INGREDIENTS: Water/Eau/Aqua, Isohexadecane, Alcohol Denat., Isododecane, PPG-24-Glycereth-24, C13-15 Alkane, Hydrolyzed Yeast Protein, Jojoba Esters, Glycerin, Amaranthus Caudatus Seed Extract, Acrylamidopropyltrimonium Chloride/Acrylates Copolymer, Ethylhexyl Stearate, Carthamus Tinctorius (Safflower) Seed Oil, Glycine Soja (Soybean) Germ Extract, Triticum Vulgare (Wheat) Germ Extract, Serenoa Serrulata Fruit Extract, PCA Ethyl Cocoyl Arginate, Coceth-7, Scutellaria Baicalensis Root Extract, Vitis Vinifera (Grape) Seed Extract, Butyrospermum Parkii (Shea) Butter, Azelaic Acid, Cetyl Alcohol, Caffeine, Steareth-20, Zinc Sulfate, Biotin, Stearyl Alcohol, Glyceryl Stearate, Cetearyl Alcohol, Gluconolactone, Behentrimonium Methosulfate, Behentrimonium Chloride, Arginine, Butylene Glycol, Zinc Gluconate, Calcium Gluconate, Hydroxyethylcellulose, Glycolic Acid, Lactic Acid, Propanediol, Fragrance/Parfum

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 you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : If skin irritation 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. Call a poison center/doctor/physician if you feel unwell. |

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

- | | |
|------------------------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after eye contact | : May cause slight temporary irritation. |

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- | | |
|--------------------------------|---|
| Suitable extinguishing media | : Alcohol foam. Carbon dioxide. Water spray. Water fog. Dry chemical. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Specific hazards arising from the chemical

- | | |
|--|---|
| Fire hazard | : Flammable liquid and vapor. On combustion, forms: carbon oxides (CO and CO2). |
| Explosion hazard | : No direct explosion hazard. |
| Reactivity in case of fire | : Stable under normal conditions of use. |
| Hazardous decomposition products in case of fire | : Thermal decomposition can lead to the release of irritating gases and vapors. |

5.3. Special protective equipment and precautions for fire-fighters

- | | |
|--------------------------------|---|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- | | |
|------------------|--|
| General measures | : Ventilate area. No open flames, no sparks, and no smoking. |
|------------------|--|

6.1.1. For non-emergency personnel

- | | |
|----------------------|--|
| Protective equipment | : No additional risk management measures required. |
| Emergency procedures | : No special requirements. |

6.1.2. For emergency responders

- | | |
|----------------------|--|
| Protective equipment | : No additional risk management measures required. |
| Emergency procedures | : No special requirements. |

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

- | | |
|-------------------------|--|
| For containment | : Clean up any spills as soon as possible, using an absorbent material to collect it. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. |
| Other information | : Dispose in a safe manner in accordance with local/national regulations. |

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6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Hygiene measures : Do not smoke while handling product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep away from sources of ignition.
- Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Store away from heat.
- Incompatible materials : Strong acids. Strong bases. Strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Scalp Care Revitalizing Treatment	
No additional information available	
Ethyl alcohol (64-17-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethanol
ACGIH STEL (ppm)	1000 ppm
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2020
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl alcohol (Ethanol)
OSHA PEL (TWA) (mg/m³)	1900 mg/m³
OSHA PEL (TWA) (ppm)	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
US IDLH (ppm)	3300 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA) (mg/m³)	1900 mg/m³
NIOSH REL (TWA) (ppm)	1000 ppm
ISOHEXADECANE (93685-80-4)	
No additional information available	
Distillates, petroleum, hydrotreated middle (64742-46-7)	
No additional information available	

8.2. Appropriate engineering controls

- Appropriate engineering controls : Not required for normal conditions of use.
- Environmental exposure controls : Do not allow uncontrolled discharge of product into the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

None under normal use.

Hand protection:

None under normal use

Eye protection:

None under normal use

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Skin and body protection:

None under normal use

Respiratory protection:

None under normal use

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Opaque. Cream. Gel.
Color	: White to off-white
Odor	: Characteristic
Odor threshold	: No data available
pH	: 4.5 – 5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 51.5 °C (124.7 °F)
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 0.94 – 0.99 g/cm ³ (25 °C; 77 °F)
Solubility	: Miscible with water
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 10000 – 15000 cP
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

VOC content	: < 15 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable at room temperature.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Extremely high or low temperatures. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

Ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h

ISOHEXADECANE (93685-80-4)	
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

Distillates, petroleum, hydrotreated middle (64742-46-7)	
LD50 oral rat	7400 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	4.6 mg/l/4h

Skin corrosion/irritation	: Not classified (On basis of test data) pH: 4.5 – 5
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 4.5 – 5
Respiratory or skin sensitization	: Not classified (On basis of test data)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Viscosity, kinematic	: No data available
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact	: May cause slight temporary irritation.
Other information	: Likely routes of exposure: inhalation, skin and eye. Toxicological information assessed to determine classification was based on publicized information or alternatives to animal testing; no live animal testing was conducted or commissioned by Living Proof.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: This material has not been tested for environmental effects.
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Ethyl alcohol (64-17-5)	
LC50 fish 1	12.0 – 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 other aquatic organisms 1	5012 mg/l 48 hours- daphnia
EC50 Daphnia 1	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
ErC50 (algae)	275 mg/l
ErC50 (other aquatic plants)	4432 mg/l
NOEC (acute)	9.6 mg/l Daphnia magna

Distillates, petroleum, hydrotreated middle (64742-46-7)	
LC50 fish 1	35 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

12.2. Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential

Ethyl alcohol (64-17-5)

Partition coefficient n-octanol/water (Log Pow)	-0.32
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : Do not allow uncontrolled discharge of product into 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 : Do not allow uncontrolled discharge of product into the environment.

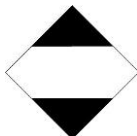
SECTION 14: Transport information

Consult the associated transport regulations for available and applicable exceptions or exemptions.

Department of Transportation (DOT)

In accordance with DOT

Transport document description	: UN3295 Hydrocarbons, liquid, n.o.s., 3, III
UN-No.(DOT)	: UN3295
Proper Shipping Name (DOT)	: Hydrocarbons, liquid, n.o.s.
Technical Shipping Name (DOT)	: Not applicable
Hazard Class (DOT)	: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Subsidiary hazard class (DOT)	: None
Packing group (DOT)	: III - Minor Danger
Hazard labels (DOT)	: LTD QTY - Limited quantity



DOT Packaging Non Bulk (49 CFR 173.xxx)	: 203
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Special Provisions (49 CFR 172.102)	: 144, B1, IB3, T4, TP1, TP29
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 60 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 220 L
DOT Vessel Stowage Location	: A
Emergency Response Guide (ERG) Number	: 128
Other information	: No supplementary information available.

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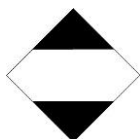
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Transportation of Dangerous Goods

In accordance with TDG

UN-No. (TDG)	: UN3295
Packing group	: III - Minor Danger
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
Subsidiary hazard classes	: None
Transport document description	: UN3295 HYDROCARBONS, LIQUID, N.O.S., 3, III
Proper Shipping Name (Transportation of Dangerous Goods)	: HYDROCARBONS, LIQUID, N.O.S.
Technical Shipping Name (TDG)	: Not applicable
Hazard labels (TDG)	: LTD QTY - Limited quantity

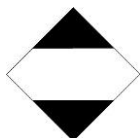


TDG Special Provisions	: 150
Explosive Limit and Limited Quantity Index	: 5 L
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 60 L

Transport by sea

In accordance with IMDG

Transport document description (IMDG)	: UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III, LTD QTY
UN-No. (IMDG)	: UN 3295
Proper Shipping Name (IMDG)	: HYDROCARBONS, LIQUID, N.O.S.
Technical Shipping Name (IMDG)	: Not applicable
Transport hazard class(es) (IMDG)	: 3
Subsidiary hazard class(es) (IMDG)	: None
Packing group (IMDG)	: III
Danger labels (IMDG)	: LTD QTY - Limited quantity



Special provisions (IMDG)	: 223
Limited quantities (IMDG)	: 5 L
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP29
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-D
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Immiscible with water.

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Air transport

In accordance with IATA

May also be transported as a consumer commodity when classified as ID8000 under Class 9 Miscellaneous Dangerous Goods.

Transport document description (IATA) : UN 3295 Hydrocarbons, liquid, n.o.s., 3, III
UN-No. (IATA) : UN 3295
Proper Shipping Name (IATA) : Hydrocarbons, liquid, n.o.s.
Technical Shipping Name (IATA) : Not applicable
Transport hazard class(es) (IATA) : 3
Subsidiary hazard class(es) (IATA) : None
Packing group (IATA) : III
Danger labels (IATA) : 3, LTD QTY - Limited quantity



PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3, A224
ERG code (IATA) : 3L

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 except for:

ISOHEXADECANE	CAS-No. 93685-80-4	5 - 10%
Hydrocarbons, C4, 1,3-butadiene-free, polymerized, triisobutylene fraction, hydrogenated	CAS-No. 93685-81-5	1 - 5%

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) 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

Ethyl alcohol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

ISOHEXADECANE (93685-80-4)

Listed on the Canadian DSL (Domestic Substances List)

Distillates, petroleum, hydrotreated middle (64742-46-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Ethyl alcohol (64-17-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Distillates, petroleum, hydrotreated middle (64742-46-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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National regulations

Ethyl alcohol (64-17-5)

Listed on IARC (International Agency for Research on Cancer)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

Distillates, petroleum, hydrotreated middle (64742-46-7)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

No additional information available

SECTION 16: Other information

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Revision date : 15 June 2020
Other information : None.

SDS US (GHS HazCom 2012)

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