

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
Trade name : No Frizz Instant De-Frizzer

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Cosmetics, personal care products

1.3. Details of the supplier of the safety data sheet

Living Proof, Inc.
1 Design Center Place, Suite 600
Boston, MA, 02210-2349
T: 617-621-1800 F: 617-621-1880
questions@livingproof.com
livingproof.com

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**

Aerosol, Category 2 H223; H229

Full text of H statements : see section 16

2.2. Label elements**GHS-US labelling**

Hazard pictograms (CLP)



GHS02

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H223 - Flammable aerosol.
H229 - Pressurized container: May burst if heated.

Precautionary statements (CLP)

: P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards

other hazards which do not result in classification : No additional information available.

2.4. Unknown acute toxicity (GHS US)

No data available

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

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012.

INGREDIENTS: Hydrofluorocarbon 152a, Alcohol Denat., Isohexadecane, Isododecane, PPG-5-Ceteth-20, Propylene Glycol Dibenzoate, Diisopropyl Sebacate, Octafluoropentyl Methacrylate, Isopropyl Lauroyl Sarcosinate, Linoleamidopropyl Dimethylamine Dimer Dilinoleate, Hippophae

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Rhamnoides Fruit Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Lagenaria Sphaerica Seed Oil, Orbignya Oleifera Seed Oil, Moringa Oleifera Seed Oil, Oleyl Alcohol, Ethylhexyl Methoxycinnamate, C13-15 Alkane, Fragrance/Parfum, Citronellol, Limonene, Citral.

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 | : 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, both acute and delayed

- | | |
|---|--|
| Symptoms/injuries | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/injuries after inhalation | : None under normal use. |
| Symptoms/injuries after skin contact | : None under normal use. |
| Symptoms/injuries after eye contact | : May cause slight irritation. |
| Symptoms/injuries after ingestion | : None under normal use. |
| Potential Adverse human health effects and symptoms | : Not expected to present a significant hazard under anticipated conditions of normal use. |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- | | |
|--------------------------------|--|
| Suitable extinguishing media | : Use extinguishing media appropriate for surrounding fire: carbon dioxide (CO ₂), water, dry chemical powder, sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

- | | |
|------------------|---|
| Fire hazard | : Flammable aerosol. |
| Explosion hazard | : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. |
| Reactivity | : On combustion, forms: carbon oxides (CO and CO ₂). |

5.3. Advice for firefighters

- | | |
|---------------------------------------|--|
| Firefighting instructions | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent firefighting water from entering the environment. |
| Protective equipment for firefighters | : 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

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|------------------|---|
| General measures | : Absorb spillage to prevent material damage. |
|------------------|---|

6.1.1. For non-emergency personnel

- | | |
|----------------------|--|
| Protective equipment | : Wear personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. |

6.1.2. For emergency responders

- | | |
|----------------------|---|
| Protective equipment | : Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Ventilate area. |

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

- For containment : Stop leaks if it can be done without personal risk. Do not allow product to spread into the environment.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Dispose in a safe manner in accordance with local/national regulations.

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 : Provide local exhaust or general room ventilation. Do not breathe vapors. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with eyes.
- Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Incompatible materials : Sources of ignition. Strong oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

- Appropriate engineering controls : Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapor.
- Hand protection : Not necessary under the recommended storage and handling conditions.
- Eye protection : No special eye protection equipment recommended under normal conditions of use.
- Respiratory protection : Not necessary under the recommended storage and handling conditions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Transparent thin solution
- Color : Slight yellow tint
- Odor : Characteristic citrus
- Odor threshold : No data available
- pH : No data available
- pH solution : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Relative evaporate rate (ether=1) : No data available
- Flash point : No data available
- Flammability (solid, gas) : No data available
- Vapor pressure : 55 - 80 psi @ 21°C
- Relative vapor density at 20°C : No data available
- Relative density : 0.76 - 0.84 (Specific gravity)
- Relative density of saturated gas/air mixture : No data available
- Density : No data available
- Relative gas density : No data available
- Solubility : No data available

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Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temeprateure	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

VOC content	: <25%
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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

On combustion forms: Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Inhalation; Ingestion; Skin and eyes contact
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)
Skin corrosion/irritation	: Non-irritant (Based on available test data, the classification criteria are not met)
Serious eye damage/irritation	: Non-irritant (Based on available test data, the classification criteria are not met)
Respiratory or skin sensitization	: Non-sensitizing (Based on available test data, the classification criteria are not met)
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)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)

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Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Potential Adverse human health effects and symptoms	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/injuries after inhalation	: None under normal use.
Symptoms/injuries after skin contact	: None under normal use.
Symptoms/injuries after eye contact	: May cause slight irritation.
Symptoms/injuries after ingestion	: None under normal use.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: No additional information available
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on global warming	: No known effects from this product.
GWPmix comment	: No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapors are flammable.

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	: UN1950 Aerosols, 2.1
UN-No.(DOT)	: UN1950
Proper Shipping Name (DOT)	: Aerosols
Technical Shipping Name (DOT)	: Not applicable
Hazard class (DOT)	: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Subsidiary hazard class (DOT)	: None
Packing group (DOT)	: None
Hazard labels (DOT)	: 2.1 - Flammable gas



DOT Packaging Non Bulk (49 CFR 173.xxx)	: None
DOT Packaging Bulk (49 CFR 173.xxx)	: None
DOT Special Provisions (49 CFR 172.102)	: N82
DOT Packaging Exceptions (49 CFR 173.xxx)	: 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg

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DOT Vessel Stowage Location	: A
DOT Vessel Stowage Other	: 25, 87, 126
Emergency Response Guide (ERG) Number	: 126
Other information	: No supplementary information available.

Transportation of Dangerous Goods

In accordance with TDG

UN-No. (TDG)	: UN1950
TDG Primary Hazard Classes	: 2.1 - Class 2.1 - Flammable Gas
Subsidiary hazard classes	: None
Transport document description	: UN1950 AEROSOLS, 2.1
Proper Shipping Name (Transportation of Dangerous Goods)	: AEROSOLS
Technical Shipping Name (TDG)	: Not applicable
Hazard labels (TDG)	: 2.1 - Flammable gases



Packing group	: None
TDG Special Provisions	: 80, 107
Explosive Limit and Limited Quantity Index	: 1 L
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 75 L

Transport by sea

In accordance with IMDG

Transport document description (IMDG)	: UN 1950 AEROSOLS, 2.1
UN-No. (IMDG)	: UN 1950
Proper Shipping Name (IMDG)	: AEROSOLS
Technical Shipping Name (IMDG)	: Not applicable
Transport hazard class(es) (IMDG)	: 2.1
Subsidiary hazard class(es) (IMDG)	: None
Danger labels (IMDG)	: 2.1



Packing group (IMDG)	: Not applicable
Special provisions (IMDG)	: 63, 190, 277, 327, 344, 381, 959
Limited quantities (IMDG)	: SP277
Packing instructions (IMDG)	: P207, LP200
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69

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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 1950 Aerosols, flammable, 2.1
UN-No. (IATA)	: UN 1950
Proper Shipping Name (IATA)	: Aerosols, flammable
Technical Shipping Name (IATA)	: Not applicable
Transport hazard class(es) (IATA)	: 2.1
Subsidiary hazard class(es) (IATA)	: None
Danger labels (IATA)	: 2.1



Packing group (IATA)	: Not applicable
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

SECTION 15: Regulatory information

15.1. US Federal regulations

Some of the substances in this product are listed or exempt from listing on the US Toxic Substances Control Act (TSCA) Inventory.

15.2. International regulations

CANADA

One or more ingredients in this product are not listed on the Canadian Domestic Substances List (DSL).

AUSTRALIA

One or more ingredients in this product are not listed on the Australia Inventory of Chemical Substances (AICS).

15.3. US State regulations

US - California

California Proposition 65 - This product does not contain substances known to the state of California to cause cancer, developmental and/or reproductive harm.

Ethyl alcohol (64-17-5)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

tert-Butyl alcohol (75-65-0)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Date of Issue : 04 June 2020

Other information : None.

Full text of H-statements:

H223	Flammable aerosol.
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H229	Pressurized container: May burst if heated.
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- NFPA health hazard

:

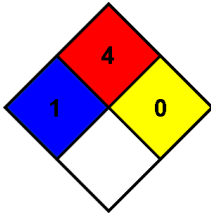
1 - Materials that, under emergency conditions, can cause significant irritation.
- NFPA fire hazard

:

4 - Materials that rapidly or completely vaporize at atmospheric pressure and normal ambient temperature or that are readily dispersed in air and burn readily.
- NFPA reactivity

:

0 - Material that in themselves are normally stable, even under fire conditions.



- Hazard Rating

:
- Health

:

1 Slight Hazard - Irritation or minor reversible injury possible
- Flammability

:

4 Severe Hazard - Flammable gases, or very volatile flammable liquids with flash points below 73 F, and boiling points below 100 F. Materials may ignite spontaneously with air. (Class IA)
- 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.

Indication of changes:

Section	Changed item	Change	Comments
15	Regulatory information	Modified	

SDS (GHS HazCom 2012)

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.