

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Identification**

Product form : Mixture
Product name : LIVING PROOF BLOWOUT

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

Use of the substance/mixture : Cosmetics

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**

Flam. Liq. 2 H225 - Highly flammable liquid and vapor

Full text of H-phrases: see section 16

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

Hazard pictograms (GHS-US) :



GHS02

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H225 - Highly flammable liquid and vapor

Precautionary statements (GHS-US) :

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
P103 - Read label before use
P370+P378 - In case of fire: Use carbon dioxide (CO₂), alcohol resistant foam, sand to extinguish
P403+P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents/container to in accordance with local regulations
P102 - Keep out of reach of children
P284 - Avoid contact with eyes

2.3. Other hazards

Not applicable

2.4. Unknown acute toxicity (GHS US)

Not applicable

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

Not applicable

3.2. Mixture

INGREDIENTS: Water/Eau/Aqua, Alcohol Denat., Polyester-5, Sodium Methoxy PEG-16 Maleate/Styrene Sulfonate Copolymer, Octafluoropentyl Methacrylate (OPFMA), Glycerin, PPG-5-Ceteth-20, VP/VA Copolymer, Fragrance/Parfum, Citronellol, Citral, Limonene.

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Name	Product identifier	%	GHS-US classification
Ethyl alcohol	(CAS No) 64-17-5	<50	Flam. Liq. 2, H225

Full text of H-phrases: see section 16

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 affected person feels unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : If affected person is experiencing breathing difficulty, allow affected person to breathe fresh air. Allow affected person to rest.
- First-aid measures after skin contact : If adverse skin reaction 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 persist.
- 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.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapor.
- Explosion hazard : May form flammable/explosive vapor-air mixture.
- Reactivity : Flammable liquid and vapor.

5.3. Advice for firefighters

- Firefighting instructions : 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 : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- 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.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.

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Precautions for safe handling : Do not handle until all safety precautions have been read and understood. No open flames. No smoking. Provide local exhaust or general room ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking, Direct sunlight. Keep in fireproof place. Keep container tightly closed.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethyl alcohol (64-17-5)		
ACGIH	ACGIH STEL (ppm)	1000 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	1900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : None needed.

Eye protection : None needed.

Skin and body protection : None needed.

Respiratory protection : None needed.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Clear volatile liquid

Color : Colorless

Odor : Floral Citrus

Odor threshold : No data available

pH : 5.5 - 6.5

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : >16.7°C (ethyl alcohol)

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : No data available

Explosion limits : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Vapor pressure : 40.88 mm Hg

Relative density : No data available

Relative vapor density at 20 °C : No data available

Solubility : No data available

Log Pow : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : No data available

Viscosity, kinematic, dynamic : No data available

9.2. Other information

VOC content : 30 - 55 %

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SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Highly flammable liquid and vapor.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Smokes. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg (Historical information; not tested on animals for cosmetics)
LC50 inhalation rat (mg/l)	124.7 mg/l/4h (Historical information; not tested on animals for cosmetics)

Skin corrosion/irritation : Not classified
pH: 5.5 - 6.5

Serious eye damage/irritation : Not classified
pH: 5.5 - 6.5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ethyl alcohol (64-17-5)	
LC50 fish 1	12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) (Historical information; not tested on animals for cosmetics)
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna) (Historical information; not tested on animals for cosmetics)
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) (Historical information; not tested on animals for cosmetics)
EC50 Daphnia 2	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) (Historical information; not tested on animals for cosmetics)

12.2. Persistence and degradability

Not established.

12.3. Bioaccumulative potential

Ethyl alcohol (64-17-5)	
Log Pow	-0.32

12.4. Mobility in soil

No additional information available

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12.5. Other adverse effects

Effect on global warming	: No known ecological damage caused by this product.
Other information	: Avoid release to the environment.

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.
Ecology - waste materials	: Avoid release to the environment.

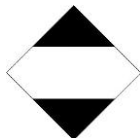
SECTION 14: Transport information

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

Department of Transportation (DOT)

In accordance with DOT

Transport document description	: UN1170 Ethanol solutions, 3, II
UN-No.(DOT)	: UN1170
Proper Shipping Name (DOT)	: Ethanol solutions
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)	: II - Medium Danger
Hazard labels (DOT)	: LTD QTY - Limited quantity



DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Special Provisions (49 CFR 172.102)	: 24, IB2, T4, TP1
DOT Packaging Exceptions (49 CFR 173.xxx)	: 4b, 150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: A
Emergency Response Guide (ERG) Number	: 127
Other information	: No supplementary information available.

Transportation of Dangerous Goods

In accordance with TDG

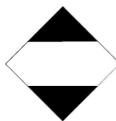
UN-No. (TDG)	: UN1170
Packing group	: II - Medium Danger
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
Subsidiary hazard classes	: None
Transport document description	: UN1170 ETHANOL SOLUTION, 3, II
Proper Shipping Name (Transportation of Dangerous Goods)	: ETHANOL SOLUTION
Technical Shipping Name (TDG)	: Not applicable

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Hazard labels (TDG) : LTD QTY - Limited quantity

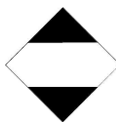


TDG Special Provisions : 150
Explosive Limit and Limited Quantity Index : 1 L
Passenger Carrying Road Vehicle or Passenger : 5 L
Carrying Railway Vehicle Index

Transport by sea

In accordance with IMDG

Transport document description (IMDG) : UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II, LTD QTY
UN-No. (IMDG) : UN 1170
Proper Shipping Name (IMDG) : ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Technical Shipping Name (IMDG) : Not applicable
Transport hazard class(es) (IMDG) : 3
Subsidiary hazard class(es) (IMDG) : None
Packing group (IMDG) : II
Danger labels (IMDG) : LTD QTY - Limited quantity



Special provisions (IMDG) : 144
Limited quantities (IMDG) : 1 L
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-D
Stowage category (IMDG) : A
Properties and observations (IMDG) : Colourless, volatile liquids. Pure ETHANOL: flashpoint 13°C c.c. Explosive limits: 3.3% to 19% Miscible with water.

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 1170 Ethanol solution, 3, II
UN-No. (IATA) : UN 1170
Proper Shipping Name (IATA) : Ethanol solution
Technical Shipping Name (IATA) : Not applicable
Transport hazard class(es) (IATA) : 3
Subsidiary hazard class(es) (IATA) : None
Packing group (IATA) : II
Danger labels (IATA) : 3, LTD QTY - Limited quantity

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PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3, A58, A180
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.

15.2. International regulations

Canada-Regulations

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

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

Glycerin (56-81-5)

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

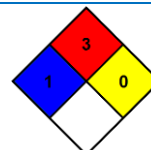
SECTION 16: Other information

Revision date	: 15 June 2020
Data sources	: DISCLAIMER OF LIABILITY 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.

Full text of H-phrases listed in Sections 2-15:

Flam. Liq. 2	Flammable liquids Category 2
H225	Highly flammable liquid and vapor

NFPA health hazard	: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard	: 3 - Liquids and solids that can be ignited under almost all ambient conditions.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



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HMIS III Rating	
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	: 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC)
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 US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product