

**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.  
 301 Binney Street, 1st Floor  
 Cambridge, MA 02142  
 T: 617-621-1800 F: 617-621-1880  
 QA@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 vapour  
 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  
 : H320 - Causes Eye Irritation  
 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 (OPMA), Glycerin, PPG-5 Ceteth-20, VP/VA Copolymer, Fragrance/Parfum, Citronellol, Butylphenyl Methylpropional, Citral.

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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Name	Product identifier	%	GHS-US classification
Ethyl alcohol	(CAS No) 64-17-5	<50	Flam. Liq. 2, H225 Carc. 1A, H350 (ingestion, inhalation) (NOTE: Alcoholic beverages only; not applicable to this product)

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 <sup>3</sup> )	1900 mg/m <sup>3</sup>
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)
ATE US (oral)	7060.000 mg/kg body weight (Historical information; not tested on animals for cosmetics)
ATE US (vapors)	124.700 mg/l/4h (Historical information; not tested on animals for cosmetics)
ATE US (dust, mist)	124.700 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 : Category 2B-Mild Irritant

pH: 5.5 - 6.5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

Ethyl alcohol (64-17-5) (NOTE: Alcoholic beverages only; not applicable to this product)	
IARC group	1 - Carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

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.

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### 12.3. Bioaccumulative potential

#### Ethyl alcohol (64-17-5)

Log Pow	-0.32
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### 12.4. Mobility in soil

No additional information available

### 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

### Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport when packaged for retail (49 CFR 173.150(g))  
Transport document description : UN1170, Ethanol solutions, 3, II  
UN-No.(DOT) : UN1170  
Proper Shipping Name (DOT) : Ethanol solutions  
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Subsidiary risk (DOT) :  
Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger  
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202  
DOT Packaging Bulk (49 CFR 173.xxx) : 242  
DOT Symbols :  
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 - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel  
Emergency Response Guide (ERG) Number : 127

### TDG

Transport document description : UN1170, Ethanol Solutions, 3, II (LTD QTY, IP VOL ≤ 1.0 L) ; or mark package "LIMITED QUANTITY", "LTD QTY", OR "QUANT LTÉE" OR "QUANTITÉ LIMITÉE"

### Transport by sea

UN-No. (IMDG) : UN1170, Ethanol Solutions, 3, II (LTD QTY, IP VOL ≤ 1.0 L)  
Proper Shipping Name (IMDG) : Ethanol Solutions  
Class (IMDG) : 3 – Flammable liquids  
Packing group (IMDG) : II - substances presenting medium danger



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### Air transport

UN-No. (IATA) : ID 8000 Consumer Commodity or  
UN 1170 Ethanol Solutions

Proper Shipping Name (IATA) : Consumer Commodity or Ethanol Solutions  
LTD QTY

Class (IATA) : Consumer Commodity, 9 or  
Ethanol Solutions, 3

Packing group (IATA) : II - Medium Danger



## 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) (NOTE: Alcoholic beverages only; not applicable to this product)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
Yes	Yes	No	No	

#### 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 : 12/13/2017

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:

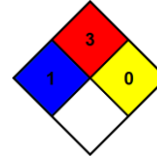
Carc. 1A	Carcinogenicity Category 1A
Flam. Liq. 2	Flammable liquids Category 2
H225	Highly flammable liquid and vapor
H350	May cause cancer
H320	Causes Eye Irritation

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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.
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.



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*