

**SAFETY DATA SHEET**

Revision Date: 9/3/2015

Emergency Phone: 1-800-535-5053 (Infotrac)

**Section 1: Identification****Product Name:** LDF-C Concentrate**Code:** 6EBHD55**Chemical Type:** Liquid**Manufacturer/Supplier:**Extreme Bubbles  
111 Marquette Ave S  
Apartment 2912  
Minneapolis, MN 55401  
612-419-2923**Section 2: Hazard(s) Identification****OSHA/HCS status**

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Classification of the substance or mixture:** Not classified**Label elements****Signal word:** Warning**Hazard statements:** Eye irritant.**Precautionary Statements****Prevention:** Not applicable.**Response:** Not applicable.**Storage:** Not applicable.**Disposal:** Not applicable.**Hazards not otherwise classified:** None known.**Section 3: Composition/Information on Ingredients****Substance or mixture:** Mixture**Other means of identification:** Not available.**CAS number/other identifiers****CAS number:** Not applicable.

Hazardous Components		
Chemical Name	%weight	CAS
Ethanol	1-5	64-17-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

## Section 4: First-Aid Measures

### Description of first aid measures

<b>Eyes</b>	After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air.
<b>Skin</b>	Rinse with water if prolonged contact occurs. Get medical attention if irritation develops and persists
<b>Ingestion</b>	Drink 1 or 2 glasses of water. If ingestion of a large amount does occur, call a poison control center immediately.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact</b>	Eye irritant.
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	May cause transient irritation. Prolonged or repeated contact may be drying to skin.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Over-exposure signs/symptoms

<b>Eye contact</b>	No specific data.
<b>Inhalation</b>	No specific data.
<b>Skin contact</b>	No specific data.
<b>Ingestion</b>	No specific data.

### Indication of any immediate medical attention needed

<b>Notes to Physician</b>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatment</b>	No specific treatment.
<b>Protection of first-aiders</b>	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## Section 5: Fire-Fighting Measures

### Extinguishing media

<b>Suitable extinguishing media</b>	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> )
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	This product will not support sustained combustion when in contact with open flame above the indicated flash point.
<b>Hazardous thermal decomposition products</b>	None known.
<b>Protective actions for fire-fighters</b>	Promptly isolate the scene by removing all persons from the vicinity of

	the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

### Section 6: Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Wear suitable protective clothing.
<b>For emergency responders</b>	Keep unnecessary personnel away. Wear suitable protective clothing.
<b>Environmental precautions</b>	Prevent further leakage of spillage if safe to do so.

#### Methods and material for containment and cleaning up

<b>Spills</b>	In case of spills, beware of slippery floors and surfaces. Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
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### Section 7: Handling and Storage

#### Precautions for safe handling

<b>Handling</b>	Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.
<b>Storage</b>	Store in a cool and well-ventilated place. Keep from freezing.

### Section 8: Exposure Controls/Personal Protection

#### Control parameters

##### Us ACGIH Threshold Limit Values

Ingredient name	Exposure limits
Ethanol (64-17-5)	<b>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)</b> STEL            1000 ppm

##### US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Ethanol (64-17-5)	PEL            1000 ppm 1900 mg/m3
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<b>Appropriate engineering controls</b>	Provide adequate ventilation.
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#### Individual protection measures

<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice.
<b>Respiratory</b>	Not normally needed.
<b>Eyes/Face</b>	Not normally needed.
<b>Skin/Body</b>	Not normally needed. For prolonged or repeated skin contact use suitable protective

gloves. Recommended gloves include rubber or neoprene.

### Section 9: Physical and Chemical Properties

<b>Physical state</b>	Liquid
<b>Color</b>	Clear Yellow
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not available
<b>pH</b>	7.5 - 8.5
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Freezing Point</b>	30 °F (-1.1 °C)
<b>Flash Point</b>	115 - 135 °F (46.1 - 57.2 °C) Does not sustain combustion.
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Lower and upper explosive (flammable) limits</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Relative density</b>	1
<b>Solubility</b>	Easily soluble in water.
<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>VOC</b>	5.1514 % estimated
<b>Percent Volatile</b>	62.975 % estimated

### Section 10: Stability and Reactivity

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability:** Stable

**Possibility of hazardous reactions:** Under normal conditions, hazardous reactions will not occur.

**Conditions to avoid:** Keep away from heat, sparks, and open flame.

**Hazardous decomposition products:** Under normal conditions, hazardous decomposition products should not be produced.

### Section 11: Toxicological Information

#### Acute toxicity

Ingredient name	Result	Species	Dose	Exposure
Ethanol (64-17-5)	LC50 Inhalation	Mouse	0.039 mg/l	4 hrs
	LC50 Inhalation	Rat	20000 mg/l	10 hrs
	LD50 Oral	Dog	5.5 g/kg	-
	LD50 Oral	Guinea pig	5.6 g/kg	-
	LD50 Oral	Mouse	3450 mg/kg	-
	LD50 Oral	Rat	7060 mg/kg	-
	LD50 Oral	Rat	6.2 g/kg	-
	LD50 Other	Mouse	933 mg/kg	-
	LD50 Other	Rat	1440 mg/kg	-

**Irritation/Corrosion**

Not available

**Sensitization**

Not available

**Mutagenicity**

Not available

**Carcinogenicity**

Not available

**Reproductive toxicity**

Not available

**Teratogenicity**

Not available

**Specific target organ toxicity (single exposure)**

Not available

**Specific target organ toxicity (repeated exposure)**

Not available

**Aspiration hazard**

Not available

**Information on the likely routes of exposure**

Routes of entry anticipated: Oral, Dermal, Inhalation.

**Potential acute health effects**

<b>Eye contact</b>	Causes eye irritation
<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	Causes transient irritation. Prolonged or repeated contact may be drying to skin.
<b>Ingestion</b>	Causes gastrointestinal irritation, nausea, vomiting and diarrhea.

**Potential chronic health effects**

Non-hazardous by OSHA criteria. Non-hazardous by WHMIS criteria

**General:** No known significant effects or critical hazards.**Carcinogenicity:** No known significant effects or critical hazards.**Mutagenicity:** No known significant effects or critical hazards.**Teratogenicity:** No known significant effects or critical hazards.

**Developmental effects:** No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.

## Section 12: Ecological information

### Environmental Effects

Based on exotoxicity and fate data for the individual ingredients in this specific formulation, and for related consumer household cleaning products formulations, this product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment at relevant environmental concentrations. This product is intended for dispersive use and should not be disposed of directly into the environment.

## Section 13: Disposal considerations

### Waste Codes

Not regulated. Product is an aqueous solution that contains less than 24% alcohol.

### Disposal Instructions

This product, in its present state, when discarded or disposed of, is not a hazardous waste according to federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of contents/containers in accordance with local/regional/national/international regulations.

## Section 14: Transport information

Regulatory info	UN number	Proper shipping name	Classes	PG	Environmental hazards	Additional info
DOT Classification	Not regulated	-	-	-	No	Product is an aqueous solution of <24% ethanol.
TDG Classification	Not regulated	-	-	-	No	Product is an aqueous solution of <24% ethanol.
Mexico Classification	Not regulated	-	-	-	No	Product is an aqueous solution of <24% ethanol.
ADR/RID Class	Not regulated	-	-	-	No	Product is an aqueous solution of <24% ethanol.
IMDG Class	Not regulated	-	-	-	No	Product is an aqueous solution of <24% ethanol.
IATA-DGR Class	Not regulated	-	-	-	No	Product is an aqueous solution of <24% ethanol.

## Section 15: Regulatory information

### U.S. Federal regulations

**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined

**United States inventory (TSCA 8b):** This material is listed or exempted.

**CERCLA (Superfund) reportable quantity**

Ethanol: &lt;1

**Clean Air Act Section 112(b)  
Hazardous Air Pollutants  
(HAPs)** Not listed

**Clean Air Act Section 602  
Class I Substances** Not Listed

**Clean Air Act Section 602  
Class II Substances** Not Listed

**DEA List I Chemicals  
(Precursor Chemicals)** Not Listed

**DEA List II Chemicals  
(Essential Chemicals)** Not Listed

**SARA 302/304** No products found

**SARA 304 RQ** Not applicable.

**SARA 311/312  
Classification** Immediate (acute) health hazard

**Composition/information on ingredients**

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Ethanol (64-17-5)	<1	No	No	No	No	No

**State regulations****California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Ethanol (64-17-5) Alcoholic beverages, when associated with alcoholic abuse

**California Proposition 65 - CRT: Listed date/Carcinogenic Substance**

Ethanol (64-17-5) Alcoholic beverages, when associated with alcoholic abuse

**California Proposition 65 - CRT: Listed date/Developmental Toxin**

Ethanol (64-17-5) Ethyl Alcohol in Alcoholic Beverages

**Connecticut Hazardous Material Survey: Listed Substance**

Ethanol (64-17-5) Listed

**Massachusetts RTK - Substance: Listed Substance**

Ethanol (64-17-5) Listed

**New Jersey RTK - Special Hazard: Listed Substance**

Ethanol (64-17-5) SPEC\_HAZAROUS

**New Jersey RTK - Substances: Listed Substance**

Ethanol (64-17-5) Listed

**Pennsylvania RTK - Hazardous Substances: Listed Substance**

Ethanol (64-17-5) Listed

**Rhode Island RTK - Hazardous Substances: Listed Substance**

Ethanol (64-17-5) Listed

**International regulations****Canadian Regulations**

All ingredients are CEPA approved for import to Canada by Procter & Gamble. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

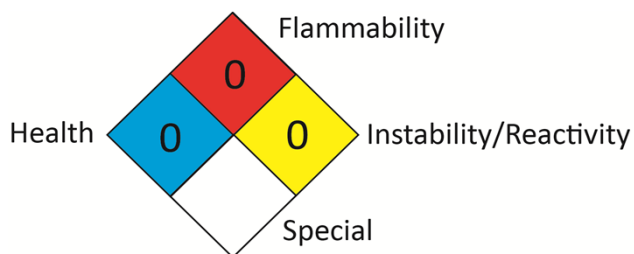
<b>Section 16: Other information</b>
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**Hazardous Material****Information System (U.S.A.):**

Health	0
Flammability	0
Physical hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association:**

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To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist