

Issue Date 06-Jul-2016

Revision Date 15-Jun-2017

Version 5

**1. IDENTIFICATION**

**Product identifier**

**Product Name** HallBrite EZ-FLO TDX

**Other means of identification**

**Product Code** S090

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Personal Care Ingredient.

**Uses advised against** Industrial Use

**Details of the supplier of the safety data sheet**

**Supplier Address** **Manufacturer Address**

The Hallstar Company 120 S. Riverside  
Plaza, Suite 1620 Chicago, IL 60606 USA

**Emergency telephone number**

**Company Phone Number** (708) 594-5999

**Emergency Telephone** Chemtrec 1-800-424-9300

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Label elements**

**Emergency Overview**

<b>Appearance</b> white liquid	<b>Physical state</b> liquid Dispersion	<b>Odor</b> low odor
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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance**

Not applicable

**Mixture**

This product is a mixture.

Chemical Name	CAS No.	Weight-%	Trade Secret
Triceteareth-4 Phosphate	-	<5	*
Titanium Dioxide	13463-67-7	40-45	*
Dimethicone Crosspolymer, Silica	-	6-8	*

Butyloctyl Salicylate	190085-41-7	45-50	*
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Chemical Additions This product is intended for uses that are regulated by the Food and Drugs Administration in the United States of America. It contains ingredients that are not listed on the TSCA inventory and therefore, must only be used in FDA regulated applications.

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### Description of first aid measures

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact** Wash skin with soap and water.

**Inhalation** Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Carbon dioxide (CO2). Water spray (fog). Dry chemical.

##### Specific hazards arising from the chemical

No information available.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Use personal protective equipment as required.

##### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

##### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep at temperatures between 0 and 38 °C.

**Incompatible materials** Bulk TiO2 reacts violently with lithium at 200 deg C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines** See below for exposure guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

- Eye/face protection** Wear safety glasses with side shields (or goggles).
- Skin and body protection** Wear protective gloves and protective clothing.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	liquid Dispersion	<b>Odor</b>	low odor
<b>Appearance</b>	white liquid	<b>Odor threshold</b>	No information available
<b>Color</b>	white		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No information available	
<b>Melting point / freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	> 260 °C	
<b>Flash point</b>	182 °C	
<b>Evaporation rate</b>	> 1	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No information available	
<b>Lower flammability limit:</b>	No information available	
<b>Vapor pressure</b>	17.5	
<b>Vapor density</b>	No information available	
<b>Relative density</b>	1.4 nominal based on solids in dispersions	
<b>Water solubility</b>	negligible	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	

### Other Information

<b>VOC Content (%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available
<b>Volatility</b>	No information available

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Temperatures below 0 C should be avoided as this may affect the efficacy of the product. Heat, flames and sparks.

**Incompatible materials**Bulk TiO<sub>2</sub> reacts violently with lithium at 200 deg C.**Hazardous Decomposition Products**

Carbon oxides.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin contact</b>	No data available.
<b>Ingestion</b>	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	Titanium dioxide has been classified as Group 2B carcinogen by IARC. IARC studies concluded that the form of Titanium Dioxide that appears to be a cancer causing agent is the powdered dust. This product contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification due to publicly available toxicity studies and the position adopted under EU REACH for Titanium Dioxide safety dossier submitted with registration in Europe.
<b>Reproductive toxicity</b>	No information available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

100 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Other adverse effects No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

### 14. TRANSPORT INFORMATION

DOT Not regulated

ICAO (air) Not regulated

IMDG Not regulated

### 15. REGULATORY INFORMATION

This product is NOT listed on the TSCA inventory of the United States. It is intended only for use in cosmetic applications that are regulated by the Food and Drug Administration.

#### International Inventories

TSCA  
 DSL/NDSL  
 EINECS/ELINCS  
 ENCS  
 IECSC  
 KECL  
 PICCS  
 AICS

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
 ENCS - Japan Existing and New Chemical Substances  
 IECSC - China Inventory of Existing Chemical Substances  
 KECL - Korean Existing and Evaluated Chemical Substances  
 PICCS - Philippines Inventory of Chemicals and Chemical Substances  
 AICS - Australian Inventory of Chemical Substances

#### US Federal Regulations

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No

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Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)****CERCLA****US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals Titanium dioxide (airborne, unbound particles of respirable size)

**U.S. State Right-to-Know Regulations****16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

Prepared By	AAC
Issue Date	06-Jul-2016
Revision Date	15-Jun-2017

**Revision Note**

No information available

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**