

## LP-1013-14-6 SPF 50 Mineral Spray Lotion

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** LP-1013-14-6 SPF 50 Mineral Spray Lotion  
**Common Name:** SPF 50 Mineral Spray Lotion  
**SDS Number:** LP-1013-14-6  
**Revision Date:** 3/27/2024  
**Version:** 1  
**Product Use:** Sunscreen SPF 15 and Higher (aerosol)  
  
**Supplier Details:** Fruit of the Earth  
 3325 W Trinity Blvd  
 Grand Prairie, TX 75050  
  
**Phone:** 800-527-7731  
**Email:** lhogue@fote.com

### 2 HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Gases Under Pressure, Compressed Gas  
 Health, Skin corrosion/irritation, 3  
 Health, Serious Eye Damage/Eye Irritation, 2 B  
 Environmental, Hazards to the aquatic environment - Acute, 1  
 Environmental, Hazards to the aquatic environment - Chronic, 1

#### GHS Label Elements, Including Precautionary Statements

**GHS Signal Word:** **WARNING**

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

H280 - Contains gas under pressure; may explode if heated  
 H316 - Causes mild skin irritation  
 H320 - Causes eye irritation  
 H400 - Very toxic to aquatic life  
 H410 - Very toxic to aquatic life with long lasting effects

**GHS Precautionary Statements:**

P264 - Wash hands thoroughly after handling. Do not touch eyes.  
 P273 - Avoid release to the environment.  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P332 + P313 - If skin irritation occurs: Get medical advice/attention.  
 P337 + P313 - If eye irritation persists: Get medical advice/attention.  
 P391 - Collect spillage.  
 P410 + P403 - Protect from sunlight. Store in a well-ventilated place.  
 P501 - Dispose of contents/container to an approved waste disposal plant.

NFPA Code 30B Level 1 Aerosol

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### 3 COMPOSITION/INFORMATION OF INGREDIENTS

#### Chemical Ingredients

| CAS#       | %         | Chemical Name                |
|------------|-----------|------------------------------|
| 1314-13-2  | 20-22%    | Zinc oxide                   |
| 37332-31-3 | 6-9%      | Caprylic/Capric Triglyceride |
| 122-99-6   | 0.3-0.9%  | Phenoxyethanol               |
| 7727-37-9  | 0.01-0.1% | Nitrogen, compressed         |

### 4 FIRST AID MEASURES

- Inhalation:** If affected, remove to fresh air. If symptoms persist, obtain medical attention.
- Skin Contact:** Wash with soap and water for 15 minutes. Remove contaminated clothing and wash before reuse. In the case of skin irritation or allergic reactions consult a physician.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
- Ingestion:** Rinse mouth with water. Consult physician immediately.

### 5 FIRE FIGHTING MEASURES

- Flammability:** Non Flammable  
**Flash Point:** None  
**Flash Point Method:** COC

Dry powder, foam, carbon dioxide.  
 Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
 Use of water spray when fighting fire may be inefficient. Do not scatter spilled material with high pressure water streams.

DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.  
 Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### 6 ACCIDENTAL RELEASE MEASURES

#### Personal precautions

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

#### Methods for containment

Prevent further leakage or spillage if safe to do so.

#### Methods for cleaning up

Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

#### Waste Disposal Method

Empty aerosol cans should not be punctured or incinerated. Dispose of in accordance with local, state and federal rules for universal waste.

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### 7 HANDLING AND STORAGE

- Handling Precautions:** Use personal protection equipment. Keep away from sources of ignition. Do not expose containers to excessive heat, or direct sunlight. Do not cut, puncture or weld containers. Contents under pressure. Avoid breathing vapors or mist.
- Storage Requirements:** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, and flames. Do not store near combustible materials. Store in accordance with local NFPA regulations. NFPA Code 30B Level 1

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Showers and Eyewash stations  
All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
- Personal Protective Equipment:** Skin protection: No special protective equipment required.
- Respiratory protection: No special protective equipment required. If irritation is experienced, ventilation and evacuation may be required.
- Eye/face protection: Safety glasses.
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                       |                    |                              |                   |
|---------------------------------------|--------------------|------------------------------|-------------------|
| <b>Appearance:</b>                    | White to Off-white | <b>Odor:</b>                 | Low Fatty         |
| <b>Physical State:</b>                | Aerosols           | <b>Molecular Formula:</b>    | No data available |
| <b>Odor Threshold:</b>                | No data available  | <b>Solubility:</b>           | Soluble           |
| <b>Particle Size:</b>                 | No data available  | <b>Softening Point:</b>      | No data available |
| <b>Spec Grav./Density:</b>            | 0.98 - 1.3         | <b>Percent Volatile:</b>     | No data available |
| <b>Viscosity:</b>                     | 4,000 - 10,000 cP  | <b>Heat Value:</b>           | No data available |
| <b>Saturated Vapor Concentration:</b> | No data available  | <b>Freezing/Melting Pt.:</b> | No data available |
| <b>Boiling Point:</b>                 | No data available  | <b>Flash Point:</b>          | No data available |
| <b>Flammability:</b>                  | Non-flammable      | <b>Octanol:</b>              | No data available |
| <b>Partition Coefficient:</b>         | No data available  | <b>Vapor Density:</b>        | No data available |
| <b>Vapor Pressure:</b>                | No data available  | <b>VOC:</b>                  | N/A               |
| <b>pH:</b>                            | 6.0 - 8.0          | <b>Bulk Density:</b>         | No data available |
| <b>Evap. Rate:</b>                    | No data available  | <b>Auto-Ignition Temp:</b>   | No data available |
| <b>Molecular weight:</b>              | No data available  |                              |                   |

### 10 STABILITY AND REACTIVITY

- Reactivity:** Not Reactive
- Chemical Stability:** Stable under normal conditions.
- Conditions to Avoid:** Avoid direct sunlight; Temperatures above 120 degrees F.
- Materials to Avoid:** None known based on information supplied.
- Hazardous Decomposition:** Carbon Oxides
- Hazardous Polymerization:** Will not occur.

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### TOXICOLOGICAL INFORMATION

Zinc oxide cas#:(1314-13-2) [20-22%]

Information on toxicological effects

Acute toxicity:

Oral LD50 Oral - mouse - 7,950 mg/kg

Inhalation LC50 Inhalation - mouse - 2,500 mg/m3

Skin corrosion/irritation: Skin - rabbit - Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - Mild eye irritation - 24 h

Germ cell mutagenicity: Genotoxicity in vitro - Hamster - Embryo Unscheduled DNA synthesis

Morphological transformation. Sister chromatid exchange; Genotoxicity in vivo - guinea pig - Inhalation

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: Prolonged skin contact can produce a severe dermatitis called oxide pox.

Additional Information: RTECS: ZH4810000

Phenoxyethanol cas#:(122-99-6) [0.3-0.9%]

Information on toxicological effects

Acute toxicity:

Oral LD50 - rat - 1,260 mg/kg

Remarks: Behavioral: General anesthetic. Gastrointestinal: Other changes. Kidney, Ureter, Bladder: Other changes.

Dermal LD50 - rat - 14,422 mg/kg Remarks: Lungs, Thorax, or Respiration: Acute pulmonary edema.

Other information on acute toxicity

Skin corrosion/irritation: Skin - rabbit - Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit - Moderate eye irritation

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: May cause reproductive disorders.

Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion Harmful if swallowed. Skin Harmful

if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information: RTECS: KM0350000

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### ECOLOGICAL INFORMATION

Zinc oxide cas#:(1314-13-2) [20-22%]

Information on ecological effects

Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 1.1 mg/l - 96.0 h.

Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 0.098 mg/l - 48 h.

Persistence and degradability: no data available

PBT and vPvB assessment: no data available

Other adverse effects: Very toxic to aquatic life.

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Caprylic/Capric Triglyceride cas#:(37332-31-3) [6-9%]

Information on ecological effects

Toxicity:

EC50 > 0.45 mg/l (algae) (OECD 201); > 100 mg/l (daphnia) (OECD 202)

LC0 > 53 mg/l (fish) (OECD 203) NOEC (long term) > 0.45 mg/l (algae) (OECD 201); > 0.01 mg/l (daphnia) (OECD 211)

Persistence and degradability: Easily biodegradable (OECD 301B). Degree of elimination: 95%

Bioaccumulative potential: no data available

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

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### 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging: Do not reuse empty containers.

As of Feb 2020 EPA has now classified aerosols as Universal Waste.

### 14 TRANSPORT INFORMATION

UN1950, Aerosols, non-flammable, (each not exceeding 1 L capacity), 2.2

**DOT Ground transport:** Limited Quantity (LTD QTY)

**Sea transport IMDG:** UN1950, AEROSOLS, 2.2

**Air Transport ICAO and IATA:** UN1950, AEROSOLS, NON-FLAMMABLE, 2.2

### 15 REGULATORY INFORMATION

All ingredients for this product are listed on the TSCA inventory.

SARA Title III chemicals: None

California Prop 65 chemicals: None

CERCLA reportable quantity: None

RCRA hazardous waste no: N/A

**This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.**

Regulatory Code Legend

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TSCA = Toxic Substances Control Act

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

OSHAWAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

### 16 OTHER INFORMATION

**Disclaimer:**

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

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