

Safety Data Sheet

Hero SPF 30 Lotion

SECTION 1: Identification

1.1 Product identifier

Product name	Hero SPF 30 Lotion
--------------	--------------------

1.2 Other means of identification

Not applicable

1.3 Recommended use of the chemical and restrictions on use

Sunscreen. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

1.4 Supplier's details

Name	Innovation Labs, Inc.
Address	1111 MacArthur Blvd. Mahwah, NJ 07430 USA

Telephone 800-227-1542

1.5 Emergency phone number(s)

800-227-1542

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC)

No data available

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Hazardous components

Component	Concentration
Zinc oxide (CAS no.: 1314-13-2; EC no.: 215-222-5)	17.5275% (weight)
Bisabolol (CAS no.: 23089-26-1)	0.2000 % (weight)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Remove to fresh air and promote deep breathing. Get medical attention if effects persist.
In case of skin contact	Get medical attention if irritation or rash develops or persists. Wash with plenty of soap and water.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

If inhaled	No adverse effects are normally expected.
In case of skin contact	Prolonged and repeated exposure may cause skin irritation. Signs/symptoms may include localized redness and itching.
In case of eye contact	May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

No data available.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection recommended in Section 8. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions

Do not release into the environment.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose in accordance with applicable Federal, State and local laws and regulations.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes. Avoid inhalation and ingestion.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Zinc oxide (CAS no.: 1314-13-2)

PEL-TWA: 5 mg/m³ (OSHA)

REL-TWA : 5 mg/m³ (NIOSH)

REL-STEL : 10 mg/m³ (NIOSH)

TLV-TWA: 2 mg/m³ (respirable particulate matter) (ACGIH)

TLV-STEL: 10 mg/m³ (respirable particulate matter) (ACGIH)

PEL-TWA: 5 mg/m³ (Cal/OSHA)

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Safety glasses are recommended if eye exposure risk exists during product handling/processing.

Skin protection

Protective gloves, such as nitrile gloves, are recommended in case of prolonged/repeated exposure during product handling/processing.

Body protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Provide adequate ventilation. Respiratory protection is not required under normal use conditions. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with organic vapor/acid gas cartridge and particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

Thermal hazards

No data available.

Environmental exposure controls

Do not release into the environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Light green liquid.
Odor	No odor.
Odor threshold	No data available.
pH	6 - 8
Melting point/freezing point	No data available.
Initial boiling point and boiling range	~212 °F
Flash point	Not flammable.
Evaporation rate	No data available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	Not flammable.
Upper/lower explosive limits	Not explosive.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.0 – 1.2
Solubility(ies)	Miscible with water.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Non-reactive under normal use conditions.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Keep away from incompatible materials.

10.5 Incompatible materials

Strong oxidizers, acids, bases, reactive metals.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Based on available data, classification data are not met

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Components:

Zinc oxide (CAS no.: 1314-13-2)

LD50 (oral) – mouse – 7950 mg/kg

LC50 (inhalation) – mouse – 2500 mg/m³

Bisabolol (CAS no.: 23089-26-1)

LD50 (oral) – rat – >5000 mg/kg

Skin corrosion/irritation

Based on available data, classification data are not met

Serious eye damage/irritation

Based on available data, classification data are not met

Respiratory or skin sensitization

Based on available data, classification data are not met

Germ cell mutagenicity

Based on available data, classification data are not met

Carcinogenicity

Based on available data, classification data are not met

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Based on available data, classification data are not met

STOT-single exposure

Based on available data, classification data are not met

STOT-repeated exposure

Based on available data, classification data are not met

Aspiration hazard

Based on available data, classification data are not met

SECTION 12: Ecological information

Toxicity

Toxic to aquatic life with long lasting effects. Avoid release to the environment.

Components:

Zinc oxide (CAS no.: 1314-13-2)

LC50; Species: Oncorhynchus mykiss (Rainbow trout) weight 0.78 g; Conditions: static; Concentration: 1.1 ppm for 96 hr (95% confidence limit: 0.59-2.5 ppm) /99% AI formulation.

LC50; Species: Daphnia magna (Water flea) <24 hr old neonate; Conditions: freshwater, static, pH 7.5-9.1; Concentration: 98 ug/L for 48 hr /dissolved.

Persistence and degradability

No data available on product.

Bioaccumulative potential

No data available on product.

Mobility in soil

No data available on product.

Results of PBT and vPvB assessment

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

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

This product is not considered dangerous goods for shipping in either single or inner packaging of 5L or less.

The following is only applicable for shipping in bulk:

DOT (US)

UN Number: UN 3082

Class: 9

Packing group: III

Proper Shipping Name: Environmentally Hazardous Substances, Liquid N.O.S. (Zinc oxide)

IMDG

UN Number: UN 3082

Class: 9

Packing group: III

Proper Shipping Name: Environmentally Hazardous Substances, Liquid N.O.S. (Zinc oxide)

IATA

UN Number: UN 3082

Class: 9

Packing group: III

Proper Shipping Name: Environmentally Hazardous Substances, Liquid N.O.S. (Zinc oxide)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards.

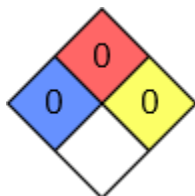
SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

Hero SPF 30 Lotion	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

Date of issue: March 01, 2023.

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. All materials may present unknown hazards and should be used with caution. In no event shall we be held liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if we have been advised of the possibility of such damages.