

**Safety Data Sheet
Blue Lizard SPF 50 Sensitive Spray**

SECTION 1: Identification**GHS Product identifier**

Product name Blue Lizard SPF 50 Sensitive Spray

Product number IS0371

Brand Blue Lizard

Recommended use Sunscreen Personal Care Product. For external use only**Supplier's details**

Name Inspec Solutions, LLC

Address 330 Carswell Ave.
Holly Hill FL 32117
United StatesTelephone 1-866-467-7320
email info@inspecsolutions.com**Emergency phone number** CHEMTREC 1-800-424-9300

SECTION 2: Hazard identification**General hazard statement**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

Classification of the substance or mixture**GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)**

- Eye damage/irritation, Cat. 2A
- Specific target organ toxicity (repeated exposure), Cat. 1
- Gases under pressure, compressed gas

GHS label elements, including precautionary statements**Pictograms**

1. Exclamation mark; 2. Health hazard; 3. Gas cylinder

Signal word**Danger**

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Hazard statement(s)

H280	Contains gas under pressure; may explode if heated
H319	Causes serious eye irritation
H372	Causes damage to organs [organs] through prolonged or repeated exposure [route]

Precautionary statement(s)

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P337+P313	If eye irritation persists: Get medical advice/attention.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P501	Dispose of contents/container to ...

SECTION 3: Composition/information on ingredients

Mixtures

Components

Component	CAS no.	Concentration
ZINC OXIDE (EC no.: 215-222-5; Index no.: 030-013-00-7) CLASSIFICATIONS: Hazardous to the aquatic environment, short-term (acute), Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 1. HAZARDS: H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	1314-13-2	21.6 - 24.6 % (weight)
Dimethicone CLASSIFICATIONS: Hazardous to the aquatic environment, short-term (acute), Cat. 2; Hazardous to the aquatic environment, long-term (chronic), Cat. 2. HAZARDS: H401 - Toxic to aquatic life; H411 - Toxic to aquatic life with long lasting effects.	63148-62-9	11 - 15 % (weight)
Ethylhexylglycerin (EC no.: 408-080-2; Index no.: 603-168-00-9) CLASSIFICATIONS: Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 3. HAZARDS: H318 - Causes serious eye damage; H412 - Harmful to aquatic life with long lasting effects.	70445-33-9	0.01 - 1 % (weight)
Solum diatomeae (EC no.: 231-545-4) CLASSIFICATIONS: Specific target organ toxicity (repeated exposure), Cat. 1. HAZARDS: No data available.	7631-86-9	3 - 6 % (weight)
Sodium chloride (EC no.: 425-740-5; Index no.: 611-142-00-3) CLASSIFICATIONS: Eye damage/irritation, Cat. 1; Hazardous to the aquatic environment, long-term (chronic), Cat. 3. HAZARDS: H318 - Causes serious eye damage; H412 - Harmful to aquatic life with long lasting effects.	7647-14-5	0.1 - 2 % (weight)

SECTION 4: First-aid measures

Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area
If inhaled	Remove to fresh air and promote deep breathing. Get medical attention if effects persist.
In case of skin contact	Wash with plenty of soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.

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In case of eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

If swallowed

Do not induce vomiting. Never give anything by mouth to an unconscious person. Give water to drink if conscious. Get medical attention if effects persist.

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

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

Treat symptomatically and supportively.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

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

Specific hazards arising from the chemical

Contents under pressure. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Zinc oxide: Zinc/zinc oxides

1,2-Octanediol: Carbon oxides

Sodium chloride : Hydrogen chloride gas, Sodium oxides

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

Further information

Use water spray to cool unopened containers. Containers may explode when heated. Keep product and empty container away from heat and sources of ignition.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection recommended in Section 8. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or mists. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions

Do not discharge product into natural waters .

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of in accordance with applicable local or national requirements. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

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SECTION 7: Handling and storage

Precautions for safe handling

Use personal protective equipment as required. Keep out of the reach of children. Keep away from open flames, hot surfaces and sources of ignition. Observe label precautions. Avoid breathing vapors or mists.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool and well-ventilated place.

Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

Control parameters

CAS: 1314-13-2

Zinc oxide

ACGIH: 2 mg/m³, (ST) 10 mg/m³ PEL inhalation [Zinc oxide, Respirable fraction]; AU/SWA (AU): 10 mg/m³ STEL inhalation [Zinc oxide (fume)]; 10 mg/m³ TWA inhalation [Zinc oxide (dust)]; 5 mg/m³ TWA inhalation [Zinc oxide (fume)]; Cal/OSHA: 5 mg/m³, (ST) 10 mg/m³ PEL inhalation [Zinc oxide fume]; See PNOR PEL inhalation; 10 mg/m³ PEL inhalation [Zinc oxide, Total dust]; 5 mg/m³ PEL inhalation [Zinc oxide, Respirable fraction]; NIOSH: 5 mg/m³, (ST) 10 mg/m³ REL inhalation [Zinc oxide fume]; 5 mg/m³, (C) 15 mg/m³ REL inhalation [Zinc oxide, Total dust]; OSHA: 5 mg/m³ PEL inhalation [Zinc oxide fume]; 15 mg/m³ PEL inhalation [Zinc oxide, Total dust]; 5 mg/m³ PEL inhalation [Zinc oxide, Respirable fraction]

CAS: 56-81-5 (EC: 200-289-5)

Glycerine

ACGIH (USA): 10 mg/m³ TWA inhalation [Glycerol]; AU/SWA (AU): 10 mg/m³ TWA inhalation [Glycerin mist]; Cal/OSHA: 10 mg/m³, PNOR PEL inhalation [Glycerol]; 5 mg/m³, PNOR PEL inhalation [Glycerol]; OSHA: 15 mg/m³ PEL inhalation [Glycerol]; 5 mg/m³ PEL inhalation [Glycerol]; 15 mg/m³ TWA inhalation [Glycerol]; 5 mg/m³ TWA inhalation [Glycerol]

CAS: 7631-86-9

Silica

AU/SWA (AU): 2 mg/m³ TWA inhalation [Fumed silica (respirable dust)]; Cal/OSHA: 6 mg/m³ (Total); 3 mg/m³ (Res) PEL-TWA inhalation; NIOSH: 6 mg/m³ REL-TWA inhalation; OSHA: 20 Million particles per cubic foot PEL-TWA inhalation; 80mg/m³ / %SiO₂ PEL-TWA inhalation

Appropriate engineering controls

Manufacturing Sites:

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

Distribution, Workplace and Household Settings:

Ensure adequate ventilation

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

Eye/face protection

Manufacturing Sites:

Safety glasses. If splash hazard, wear faceshield (8-inch minimum). Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

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Skin protection

Manufacturing Sites:

Wear protective gloves, such as nitrile gloves.

Distribution, Workplace and Household Settings:

No special protective equipment required

Body protection

Manufacturing Sites:

Wear suitable protective clothing.

Distribution, Workplace and Household Settings:

No special protective equipment required

Respiratory protection

Manufacturing Sites:

Provide good ventilation. Respiratory protection is not required under normal use condition

Distribution, Workplace and Household Settings:

No special protective equipment required

Thermal hazards

No data available.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)

Opaque Liquid

Odor

Odorless

Odor threshold

Odorless

pH

Melting point/freezing point

Initial boiling point and boiling range

Flash point 158°F (70°C)

Evaporation rate

Flammability (solid, gas)

Upper/lower flammability or explosive limits

Vapor pressure

Vapor density

Relative density

Solubility(ies)

Partition coefficient: n-octanol/water

Auto-ignition temperature

Decomposition temperature

Viscosity

Additional properties

Physical state

Liquid

Color

White

Explosive properties

No data available.

Oxidizing properties

No data available.

Further safety characteristics (supplemental)

No data available.

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SECTION 10: Stability and reactivity

Reactivity

None under normal use conditions.

Chemical stability

Stable under normal storage conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight.

Incompatible materials

1,2-Octanediol: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

Siloxanes and Silicones, di-Me, hydroxy-terminated: Strong oxidizing agents

Polydimethylsiloxanes: acids, Bases

Glycerine : Strong bases, Strong oxidizing agents

Hazardous decomposition products

No data available.

Polydimethylsiloxanes: Other decomposition products - no data available
In the event of fire: see section 5

Glycerine : Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Components:

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

Inhalation: Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Skin contact: No known effect.

Ingestion: No known effect.

Eye contact: No known effect.

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

Skin corrosion/irritation

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May cause skin irritation.

Serious eye damage/irritation

May cause skin irritation.

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Germ cell mutagenicity

Based on available data, classification data are not met

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

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.

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

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

Specific target organ toxicity (STOT) - single exposure

Based on available data, classification data are not met

Specific target organ toxicity (STOT) - repeated exposure

Based on available data, classification data are not met

Aspiration hazard

May be harmful if swallowed and enters airways

Additional information

Zinc oxide: human LDLo oral 500mg/kg (500mg/kg) Gekkan Yakuji. Pharmaceuticals Monthly. Vol. 22, Pg. 291, 1980.

human TCLo inhalation 600mg/m³ (600mg/m³) LUNGS, THORAX, OR RESPIRATION: COUGH

LUNGS, THORAX, OR RESPIRATION: DYSPNEA

LUNGS, THORAX, OR RESPIRATION: OTHER CHANGES Journal of Industrial Hygiene. Vol. 9, Pg. 88, 1927.

mouse LC50 inhalation 2500mg/m³ (2500mg/m³) International Polymer Science and Technology. Vol. 3, Pg. 93, 1976.

mouse LD50 oral 7950mg/kg (7950mg/kg) Gigiena i Sanitariya. For English translation, see HYSAAV. Vol. 51(4), Pg. 89, 1986.

rat LD intratracheal > 4979ug/kg (4.979mg/kg) LUNGS, THORAX, OR RESPIRATION: OTHER CHANGES Eisei Kagaku. Hygienic Chemistry. Vol. 35, Pg. P19, 1989.

rat LD oral > 8437mg/kg (8437mg/kg) Gigiena Truda i Professional'nye Zabolevaniya. Labor Hygiene and Occupational Diseases. Vol. 18(5), Pg. 48, 1974.

rat LD50 intraperitoneal 240mg/kg (240mg/kg) Zdravookhranenie Kazakhstana. Public Health of Kazakhstan. Vol. 38(9), Pg. 18, 1978.

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Isopropyl myristate: LD50/LC50:

CAS# 110-27-0:

Draize test, rabbit, skin: 426 mg/24H Mild;

Draize test, rabbit, skin: 100 mg/24H Severe;

Oral, mouse: LD50 = 49700 mg/kg;

Skin, rabbit: LD50 = 5 gm/kg;

.

Silica: From Sigma MSDS:

Hazard Codes Xi

Risk Statements 36/37/38

Safety Statements 26-36/37/39

Sodium chloride : Vomiting, Diarrhoea, Dehydration and congestion may occur in internal organs. Hypertonic salt solutions can produce inflammatory reactions in the gastrointestinal tract., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Toxicity

No data available on product

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 on product.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

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.

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Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance. Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations(40 CFR 261).

Packaging disposal

Pressurized container: Do not pierce or burn, even after use. Empty containers may contain flammable or explosive vapors.

SECTION 14: Transport information

UN Number	UN1950
UN Proper Shipping Name	Aerosols, non-flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	2.2
Packing group	

SECTION 15: Regulatory information

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

California Prop. 65 Components

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

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Massachusetts Toxic Use Reduction Act (TURA) list

Chemical name: Zinc oxide

CAS number: 1314-13-2

TRI listing: C-reportable as a chemical category; CERCLA listing: unlisted; TURA-only listing: no; de minimis concentration threshold: 1 percent. Qualifiers/definitions: Never individually reportable, excluded from zinc compounds category as of RY2000. Changes: Never individually reportable. excluded from Zinc Compounds Category RY2002

New Jersey Right To Know Components

No components are subject to the New Jersey Right to Know Act.

Common name: ZINC OXIDE

CAS number: 1314-13-2

Common name: GLYCERIN

CAS number: 56-81-5

Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right to Know Act.

Chemical name: ZINC OXIDE (ZNO)

CAS number: 1314-13-2

Listing note: E-environmental hazard.

Chemical name: 1,2,3-PROPANETRIOL

CAS number: 56-81-5

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Chemical name: SILICA
CAS number: 7631-86-9

SARA 302 Components

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

SARA 311/312 Hazards

Acute Health Hazard, Pressure

Chronic Health Hazard for: Glycerine .

Acute Health Hazard for: Potassium sorbate.

Acute Health Hazard for: Sodium benzoate.

No SARA Hazards for: Sodium chloride .

No SARA Hazards for: Water.

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.

This material [Glycerine] 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.

This material [Sodium chloride] 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.

This material [Water] 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.

US EPA TSCA public inventory

Chemical name: Zinc oxide
CAS number: 1314-13-2

Chemical name: Benzoic acid, C12-15-alkyl esters
CAS number: 68411-27-8

Chemical name: 1,2-Octanediol
CAS number: 1117-86-8

Chemical name: Siloxanes and Silicones, di-Me, hydroxy-terminated
CAS number: 70131-67-8

Chemical name: Polydimethylsiloxanes
CAS number: 63148-62-9

Chemical name: Glycerine
CAS number: 56-81-5

Chemical name: Dimethyl, methylhydrogen siloxane
CAS number: 68037-59-2

Chemical name: Poly(1-decene)

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CAS number: 68037-01-4

Chemical name: Isopropyl myristate
CAS number: 110-27-0

Chemical name: 1,2-Pentanediol
CAS number: 5343-92-0

Chemical name: Octadecanoic acid, 12-hydroxy-, homopolymer
CAS number: 27924-99-8

Chemical name: 1,3-PROPANEDIOL
CAS number: 504-63-2

Chemical name: Silica
CAS number: 7631-86-9

Chemical name: Sodium chloride
CAS number: 7647-14-5

Chemical name: Beeswax, synthetic
CAS number: 71243-51-1

Chemical name: 1-Propene, 1,3,3,3-tetrafluoro-, (1E)-
CAS number: 29118-24-9

Chemical name: Water
CAS number: 7732-18-5

SECTION 16: Other information

Further information/disclaimer

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. In no event shall [COMPANY NAME] be 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 [COMPANY NAME] has been advised of the possibility of such damages.