

1. PRODUCT AND COMPANY IDENTIFICATION**Product Identifier**

Product Name Sun X SPF 30 Broad Spectrum Lotion Pouch

Other means of identification

Product Code not identified

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION**Classification**

The material is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements**Emergency Overview****Hazard statements**

None.

Appearance: White to Off-White
Smooth Glossy Lotion

Physical state: Liquid

Odor: Fragranced

**Precautionary Statements - Prevention**

Wear safety glasses or goggles, if needed. Rubber gloves are not required during handling, but recommended. To prevent prolonged skin contact wear impervious clothing and boots during handling of spills.

Precautionary Statements - Storage

Keep container closed and away from heat and flame sources. Since emptied containers retain product residues, all hazard precautions given in this MSDS must be observed.

Precautionary Statements - Disposal

Disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Do not discharge into waterways or sewer systems without proper state or local authorization. Dispose of in accordance with local regulations.

Unknown Acute Toxicity	28.80000 % of the mixture consists of ingredient(s) of unknown toxicity. 24.95000 % of the mixture consists of ingredient(s) of unknown acute oral toxicity. 25.32500 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity. 25.62500 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas). 25.62500 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor). 25.62500 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).
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3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Butyl Methoxydibenzoylmethane (Avobenzone)	70356-09-1	3%	*
Ethylhexyl Salicylate (Octisalate)	118-60-5	5%	*
Homosalate	118-56-9	7.5%	*
Octocrylene	6197-30-4	5%	*
Other Non-Hazardous Ingredients	N/A	77.5%	*

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

4. FIRST AID MEASURES

First aid measures

Eye Contact	Immediately flush with plenty of cool water. Check for and remove any contact lenses. Continue to flush with plenty of cool water for at least 15 minutes. Do not permit victim to rub eyes. Get medical attention if needed.
Ingestion (Oral)	Do not induce vomiting. Rinse out mouth with water. Contact Poison Control Center, if needed. Not expected to be toxic by ingestion.
Skin Contact	No first aid should be needed. Get medical attention if needed.
Inhalation	No first aid should be needed. Get medical attention if needed.

Most important symptoms and effect, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Always consult a physician. Treat according to person's condition and specifics of exposure.
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water Mist/Fog, Carbon Dioxide, Alcohol Resistant Foam, and Dry Chemical.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Not applicable.

Explosion data**Sensitivity to Mechanical Impact**

None.

Sensitivity to Static Discharge

None.

Protective equipment and precautions for firefighters

Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid contact with eyes. Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

Methods and material for containment and cleaning up**Methods for containment & cleaning up**

Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on safe handling**

Keep container closed. Avoid contact with eyes. Provide sufficient ventilation and avoid prolonged skin contact.

Conditions for safe storage, including any incompatibilities**Storage conditions**

Keep container closed and away from heat and flame sources. Since emptied containers retain product residues, all hazard precautions given in this MSDS must be observed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

None.

Appropriate engineering controls**Engineering Controls**

Eyewash Stations, Ventilation Systems, and Showers.

Individual protection measures, such as personal protective equipment**Skin and Body Protection**

Rubber gloves are not required during handling, but recommended. To prevent prolonged skin contact wear impervious clothing and boots during handling of spills. Impervious coverall or any protective suit is recommended.

Respiratory Protection

Respirator is advised in the absence of proper ventilation.

Eye Protection

Wear safety glasses or goggles, if needed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	White to Off-White Smooth Glossy Lotion
Color	White to Off-White
Odor	Fragranced
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>
pH	5.0 – 6.5
Viscosity	Approximately 60,000
Specific Gravity	Approximately 0.98
Solubility in Water	Partially soluble
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Flammability Limit in Air	No data available
Upper flammability limit	No data available
Melting / Freezing Point	No data available
Boiling Point / Range	No data available
Auto-ignition Temperature	No data available
Flash Point	Not applicable
Partition Coefficient (n-octanol/water)	No data available
Vapor Pressure @ 25 °C	No data available
Volatile Content	No data available
Decomposition Temperature	No data available
Vapor density	No data available
Relative density	No data available
Lower flammability limit	No data available

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical Stability

Stable.

Hazardous Reaction

None under normal conditions.

Hazardous Polymerization

Will not occur.

Conditions to Avoid

Extended exposure to high temperatures can cause decomposition.

Incompatible Materials

Strong oxidizing substances.

Hazardous Decomposition Products

Carbon oxides and traces of incompletely burned carbon compounds may be present.

11. TOXICOLOGICAL INFORMATION**Product information**

Routes of Entry Skin contact, eye contact, and ingestion.

Potential Health Effects**Acute Effects**

Eye Contact	Direct contact may cause slight irritation, temporary redness, and discomfort.
Skin Contact	No significant irritation expected from a single exposure.
Inhalation	No known effect.
Oral	Small amounts transferred to the mouth by fingers during use, etc. should not injure. Swallowing large amounts may cause digestive discomfort and diarrhea.

Prolonged/Repeated Exposure Effects

Chronic Exposure	For purposes of chronic exposure under the OSHA Hazard Communication Standard, these are untested mixtures. These products have been used extensively by consumers and no significant adverse effects have been noted when used normally.
Target Organs	None identified.
Carcinogenicity	OSHA: No NTP: No IARC: No
Skin	No evidence of harmful effects from available information.
Inhalation	No evidence of harmful effects from available information.
Oral	Small amounts transferred to the mouth by fingers during use, etc. should not injure. Swallowing large amounts may cause digestive discomfort and diarrhea.

Acute Toxicity

Product Information This product is safe for its intended use based on: formulation; bulk, finished product, and stability testing results; and a long history of safe consumer use.

Chronic Toxicity:

Chronic Toxicity No specific information is available.

Target Organ Effects No specific information is available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Will not bio-concentrate in aquatic media.

Persistence and Degradability

No specific information is available.

Bioaccumulation

No specific information is available.

Soil Mobility

No specific information is available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of Wastes	Disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Do not discharge into waterways or sewer systems without proper state or local authorization.
Container Disposal	Dispose in a licensed facility. Additionally, disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage.
Contaminated Packaging	Do not reuse empty containers.
Other	When product is properly discharged in low concentrations to biological wastewater treatment plants it should not cause any disturbances in the degradation activity of the activated sludge.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

<u>DOT</u>	<i>Not regulated.</i>
<u>IATA</u>	<i>Not regulated.</i>
<u>IMDG/IMO</u>	<i>Not regulated.</i>
<u>TDG</u>	<i>Not regulated.</i>

15. REGULATORY INFORMATION

International Inventories

TSCA	Exempt from TSCA chemical inventory listing requirements.
DSL/NDSL	Exempt from DSL/NDSL chemical inventory listing requirements.

U.S. State Regulations

This product does not contain any proposition 65 chemicals.

16. OTHER INFORMATION

Issue Date 02/22/2023

Revision Date

Revision Note

N/A = Not Applicable; N/D = Not Determined

Disclaimer

The information provided in this 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