

# Croc Bloc Products Inc.

## MATERIAL SAFETY DATA SHEET

## Broad Spectrum SPF 30 Sunscreen - 5 Active

SECTION I – PRODUCT AND COMPANY IDENTIFICATION		
<b>Croc Bloc Products Inc.</b> 200 Zenway Bl.#1 Vaughan, ON, Canada L4H 0L6	<b>Rating Key</b> 4=Extreme 3=High 2=Moderate 1=Slight	<b>Hazard Rating</b> Health: 1 Flammability: 0 Reactivity: 0 Instability: 0
<b>Emergency Phone:</b>	Emergency (24 hour) Telephone Number: Emergency Chemical Response: 1-800-535-5053 CANUTEC: 1 (613) 996-6666	<b>Prepared by:</b> Owen Shi <b>Issue Date:</b> March 15, 2013 <b>Last Reviewed:</b> January 29, 2016
<b>Product Name:</b>	MSDS of Broad Spectrum SPF 30 Sunscreen - 5 Active - Unscented, 1231010-00	

SECTION II – COMPOSITION AND INGREDIENTS				
Principal Hazardous Components	CAS #	% (w/w)	Toxicological Data on Ingredients	Exposure Limit
Disodium EDTA	6381-92-6	≤ 2	Not available	Not available
Benzyl Alcohol	100-51-6	≤ 1	Not available	Not available
Triethanolamine	102-71-6	≤ 2	Not available	Not available
Other ingredients do not meet the disclosure requirements of the Hazardous Products Act.				
This MSDS is written to provide health and safety information for individuals who will be handling the final product formulation during research, manufacturing, and distribution. For health and safety information for individual ingredients used during manufacturing, refer to the appropriate MSDS for each ingredient. Refer to the product label for handling guidance for consumers.				

SECTION III – HAZARDS IDENTIFICATION	
<b>Potential Health Effects:</b>	Although some ingredients used in the manufacture of this product are considered hazardous on an individual basis, the final formulation of this product is considered non-hazardous when used according to manufacturer's directions.  The health hazard information presented is based on studies conducted using the maximum concentrations of the active ingredients in formulations similar to that of this product. Any health effects would be expected to be similar to or less than those observed in those studies.  These products have been shown to be not sensitizing to human skin. These products may cause slight skin irritation under occlusive conditions. Eye contact may cause slight eye irritation with temporary stinging, redness, tearing, and increased blinking.
<b>Eye:</b>	As with any material contacting the eye, it is recommended to rinse eyes with water.
<b>Skin:</b>	In keeping with good hygienic practices, wash exposed areas thoroughly with soap and water.
<b>Inhalation:</b>	Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a physician.
<b>Ingestion:</b>	Rinse mouth with water. If symptoms develop, consult a physician.
Triethanolamine is classified by IARC as a Group 3 carcinogen (unclassifiable as to carcinogenicity in humans).	

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SECTION IV – FIRST AID MEASURES	
<b>Eye:</b>	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.
<b>Skin:</b>	If irritation is experienced, rinse with water. If irritation persists, get medical attention.
<b>Inhalation:</b>	If symptoms are experienced, remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion:</b>	If conscious, give two glasses of water. Do not induce vomiting. If the material is swallowed and symptoms are experienced, get medical attention or advice.
<b>Additional First Aid Measures:</b> None	

SECTION V – FIRE FIGHTING MEASURES			
<b>Flash Point:</b>	Not available	<b>Lower Expose Limit:</b>	Not available
<b>Auto-ignition Temperature:</b>	Not available	<b>Upper Explosion Limit:</b>	Not available
<b>Extinguishing Media:</b>	Use methods appropriate for the surrounding fire. Consider water spray or fog, carbon dioxide, dry chemical powder, alcohol foam, or polymer foam.		
<b>Products of Combustion:</b>	Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.		
<b>Fire Fighting Equipment/Instructions:</b>	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self contained breathing apparatus.		

SECTION VI – ACCIDENTAL RELEASE MEASURES	
<b>Personal Safeguards:</b>	For large spills wear gloves, safety glasses and when levels exceed OSHA PEL use appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.
<b>Environmental Precautions:</b>	Prevent discharge to open waters.
<b>Spill Clean-up Procedures:</b>	Absorb spilled substance in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.  Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area.

SECTION VII – HANDLING AND STORAGE	
<b>Storage:</b>	Store in a cool, dry, well ventilated area.
<b>Handling:</b>	Keep containers adequately sealed during material transfer, transport, or when not in use.  Appropriate handling of this material is dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. See Section 8 (Exposure Controls) for additional guidance.

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SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION	
<b>Exposure Controls:</b>	Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.
<b>Ventilation:</b>	None required for consumer use of this product.
<b>Eye/Face Protection:</b>	None required for consumer use of this product.
<b>Respiratory Protection:</b>	None required for consumer use of this product.
<b>Skin Protection:</b>	None required for consumer use of this product.
<b>Other Special Protection:</b>	None needed under normal use.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES			
<b>Appearance / Color:</b>	White/cream opaque viscous lotion, free of foreign matters	<b>Freezing Point:</b>	Not available
<b>Odor:</b>	Characteristic, unscented	<b>Boiling Point:</b>	Not available
<b>Odor Threshold:</b>	Not available	<b>Solubility in Water:</b>	Partially soluble
<b>Physical State:</b>	Lotion	<b>Vapor Pressure (mm Hg):</b>	Not available
<b>Vapor Density:</b>	Not available	<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.025 – 1.065
<b>pH:</b>	7.0 - 8.5	<b>Evaporation Rate:</b>	Not available
<b>Partition Coefficient:</b>	Not available	<b>Viscosity:</b>	15,000 to 35,000 cps

SECTION X – STABILITY AND REACTIVITY	
<b>Stability:</b>	Stable under normal ambient temperatures
<b>Hazardous Polymerization:</b>	Hazardous polymerization will not occur
<b>Incompatibility (Materials to avoid):</b>	Keep away from oxidizing agents, alkali metals, acids, acid anhydrides and acid chlorides
<b>Hazardous Decomposition Products:</b>	Carbon dioxide and carbon monoxide

SECTION XI – TOXICOLOGICAL INFORMATION	
<b>Acute Exposure:</b>	<b>SKIN:</b> Slightly irritating. <b>EYE:</b> Slightly irritating. <b>ORAL:</b> Practically not toxic. <b>SENSITIZATION:</b> Not sensitizing.
<b>Chronic Effects:</b>	No information available for the product.
<b>Carcinogenicity:</b>	No information available for the product.
<b>Neurotoxicity:</b>	No information available for the product.
<b>Mutagenicity:</b>	No information available for the product.
<b>Reproductive:</b>	No information available for the product.
<b>Developmental:</b>	No information available for the product.
<b>Target Organs:</b>	No information available for the product.

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SECTION XII – ECOLOGICAL INFORMATION	
<b>Environmental Toxicity:</b>	This product has not been tested for ecotoxicity.
<b>Biodegradability:</b>	When release into the environment, this product is expected to be biodegradable.

SECTION XIII – DISPOSAL CONSIDERATIONS
Canadian Environmental Protection Act: Ingredients are listed on the DSL. Dispose according to all local, provincial and federal requirements.

SECTION XIV – TRANSPORTATION
This material is not subject to the transportation regulations of DOT, IATA, IMO, and the ADR.

SECTION XV – ADDITIONAL REGULATORY INFORMATION	
<b>Canadian Environmental Protection Act</b>	Ingredients are on the Domestic Substances List.
<b>WHMIS Classification</b>	<p>This product has been classified in accordance with the hazard criteria on the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. The final packaged product is not subject to WHMIS classification. The following classification applies to the bulk formulation handled in the workplace.</p> <p>This product does not meet classification requirements according to WHMIS criteria.</p>

SECTION XVI – OTHER INFORMATION
<p><b>DISCLAIMER:</b> This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this product. The information contained here has been compiled from sources considered by Croc Bloc Products Inc. to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. This information is offered in good faith. Each user of this product needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Croc Bloc Products Inc. assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.</p>