



**Material Safety Data Sheet**

Section 1: Product and Company Identification			
<b>Product Name</b>	Bromocresol Green		
<b>Catalogue Number:</b>	ASC-1012	<b>CAS Number:</b>	76-60-8
<b>E-mail:</b>	Sales@ausamics.com	<b>Website:</b>	Ausamics.com

Section 2: Hazards Identification
<b>Classification:</b> Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
<b>Label Elements:</b> None required
<b>Hazards not otherwise classified (HNOC):</b> None identified

Section 3: Composition / Information on Ingredients		
Component	CAS No	Weight %
Bromocresol green	76-60-8	100

Section 4: First-Aid Measures	
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
<b>Inhalation</b>	Remove to fresh air. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
<b>Most important symptoms and effects</b>	None reasonably foreseeable.
<b>Notes to Physician</b>	Treat symptomatically

Section 5: Firefighting Measures
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Suitable Extinguishing Media	Water spray. Carbon dioxide (CO 2). Dry chemical. Chemical foam.		
Unsuitable Extinguishing Media	No information available		
Flash Point	Not applicable		
Autoignition Temperature	Not applicable		
Explosion Limits			
Upper	No data available		
Lower	No data available		
Sensitivity to Mechanical Impact	No information available		
Sensitivity to Static Discharge	No information available		
Specific Hazards Arising from the Chemical: Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition.			
Hazardous Combustion Products: Carbon monoxide (CO). Carbon dioxide (CO2). Hydrogen halides. Sulfur oxides.			
Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
NFPA			
Health	Flammability	Instability	Physical hazards
1	1	0	N/A

<b>Section 6: Accidental Release Measures</b>	
<b>Personal Precautions</b>	Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.
<b>Environmental Precautions</b>	Should not be released into the environment. See Section 12 for additional Ecological Information.
<b>Methods for Containment and Clean Up</b>	Sweep up and shovel into suitable containers for disposal. Avoid dust formation.

<b>Section 7: Handling and Storage</b>	
<b>Handling</b>	Wear personal protective equipment/face protection. Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Ensure adequate ventilation. Avoid dust formation.
<b>Storage</b>	Keep in a dry, cool, and well-ventilated place. Keep container tightly closed. Protect from light. Protect from moisture. Do not freeze. Incompatible Materials. Strong oxidizing agents. Strong acids. Strong reducing agents.



Section 8: Exposure Controls / Personal Protection	
<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.
<b>Engineering Measures</b>	None under normal use conditions.
Personal Protective Equipment	
<b>Eye/face Protection</b>	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Skin and body protection</b>	Wear appropriate protective gloves and clothing to prevent skin exposure.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and chemical Properties	
<b>Physical State</b>	Powder Solid
<b>Appearance</b>	Beige
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting Point/Range</b>	225 °C / 437 °F
<b>Boiling Point/Range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (solid,gas)</b>	No information available
<b>Flammability or explosive limits</b>	No data available
<b>Upper</b>	No data available
<b>Lower</b>	No data available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	Not applicable
<b>Specific Gravity</b>	No information available
<b>Solubility</b>	Slightly soluble in water



Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	Not applicable
Decomposition Temperature	No information available
Viscosity	Not applicable
Molecular Formula	C <sub>21</sub> H <sub>14</sub> Br <sub>4</sub> O <sub>5</sub> S
Molecular Weight	698.04

Section 10: Stability and Reactivity	
Reactive Hazard	None known, based on information available
Stability	Stable under normal conditions.
Conditions to Avoid	Avoid dust formation. Incompatible products. Excess heat.
Incompatible Materials	Strong oxidizing agents, Strong acids, Strong reducing agents
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO <sub>2</sub> ), Hydrogen halides, Sulfur oxides
Hazardous Polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal processing.

Section 11: Toxicological Information						
Acute Toxicity Product Information Component Information			No acute toxicity information is available for this product			
Toxicologically Synergistic Products			No information available			
Delayed and immediate effects as well as chronic effects from short and long-term exposure						
Irritation			No information available			
Sensitization			No information available			
Carcinogenicity			The table below indicates whether each agency has listed any ingredient as a carcinogen.			
Component	CAS No	IARC	NTP	ACGIH	OSHA	Mexico
Bromocresol green	76-60-8	Not listed	Not listed	Not listed	Not listed	Not listed
Mutagenic Effects			No information available			
Reproductive Effects			No information available			



<b>Developmental Effects</b>	No information available
<b>Teratogenicity</b>	No information available
<b>STOT - single exposure</b>	None known
<b>STOT - repeated exposure</b>	None known
<b>Aspiration hazard</b>	No information available
<b>Symptoms / effects, both acute and delayed</b>	No information available
<b>Endocrine Disruptor Information</b>	No information available
<b>Other Adverse Effects</b>	The toxicological properties have not been fully investigated.

<b>Section 12: Ecological Information</b>	
<b>Ecotoxicity</b>	Do not empty into drains.
<b>Persistence and Degradability</b>	No information available
<b>Bioaccumulation/ Accumulation</b>	No information available
<b>Mobility</b>	No information available

<b>Section 13: Disposal Considerations</b>	
<b>Waste Disposal Methods</b>	Chemical waste generators must determine whether a discarded chemical is classified as hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

<b>Section 14: Transport Information</b>	
<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

<b>Section 15: Regulatory Information</b>				
<b>United States of America Inventory</b>				
<b>Component</b>	<b>CAS No</b>	<b>TSCA</b>	<b>TSCA Inventory notification - Active-Inactive</b>	<b>TSCA - EPA Regulatory Flags</b>



Bromocresol green	76-60-8	X	ACTIVE					-		
<b>TSCA US EPA (TSCA) - Toxic Substances Control Act, (40 CFR Part 710)</b> X - Listed '-' - Not Listed										
<b>TSCA 12(b)</b> - Notices of Export						Not applicable				
<b>International Inventories</b> Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Japan (ISHL), Australia (AICS), China (IECSC), Korea (KECL).										
Component	CAS No	DSL	NDSL	EINECS	PICCS	ENCS	ISHL	AICS	IECSC	KECL
Bromocresol green	76-60-8	X	-	200-972-8	X	-		X	X	KE-02745
KECL - NIER number or KE number ( <a href="http://ncis.nier.go.kr/en/main.do">http://ncis.nier.go.kr/en/main.do</a> )										
<b>U.S. Federal Regulations</b>										
SARA 313				Not applicable						
SARA 311/312 Hazard Categories				See section 2 for more information						
CWA (Clean Water Act)				Not applicable						
Clean Air Act				Not applicable						
OSHA - Occupational Safety and Health Administration				Not applicable						
CERCLA				Not applicable						
California Proposition 65				This product does not contain any Proposition 65 chemicals.						
U.S. State Right-to-Know Regulations				Not applicable						
U.S. Department of Transportation Reportable Quantity (RQ) DOT Marine Pollutant DOT Severe Marine Pollutant				N N N						
U.S. Department of Homeland Security				This product does not contain any DHS chemicals.						
<b>Other International Regulations</b>										
Mexico - Grade				No information available						
<b>Authorization /Restrictions according to EU REACH</b>										
Component	REACH (1907/2006) - Annex XIV -			REACH (1907/2006) - Annex XVII -			REACH Regulation (EC 1907/2006) article 59 - Candidate List of			



	Substances Subject to Authorization		Restrictions on Certain Dangerous Substances	Substances of Very High Concern (SVHC)	
Bromocresol green	-		Use restricted. See item 75. (see link for restriction details)	-	
<a href="https://echa.europa.eu/substances-restricted-under-reach">https://echa.europa.eu/substances-restricted-under-reach</a>					
Safety, health and environmental regulations/legislation specific for the substance or mixture					
Component	CAS No	OECD HPV	Persistent Organic Pollutant	Ozone Depletion Potential	Restriction of Hazardous Substances (RoHS)
Bromocresol green	76-60-8	Not applicable	Not applicable	Not applicable	Not applicable

Component	CAS No	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements	Rotterdam Convention (PIC)	Basel Convention (Hazardous Waste)
Bromocresol green	76-60-8	Not applicable	Not applicable	Not applicable	Not applicable

Section 16: Additional Notes	
<b>Documented By</b>	Ausamics Life Science Sales@Ausamics.com
<b>Revision date</b>	June 03, 2023
<b>Summary of Revisions</b>	This document has been revised to meet the requirements of the US OSHA HazCom 2012 Standard, which supersedes the existing regulations outlined in 29 CFR 1910.1200, in order to align with the internationally recognized globally Harmonized System of Classification and Labeling of chemicals (GHS).
<b>Disclaimer</b>	The information presented in this Safety Data sheet is accurate to the best of our knowledge, information, and belief at the time of publication. It is intended as a guide for the safe handling, use, processing, storage, transportation, disposal, and release of specific materials. However, it should be interpreted as a warranty or quality specification. The provided information pertains solely to the designated material and may not be applicable to its use in combination with other materials or in any process, unless explicitly stated in the text.