

## MSDS INFORMATION

The Self-Contained Biological Indicators (SCBIs) are not hazardous products according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200. As such, a Safety Information Sheet has been established to provide general knowledge as to health and safety based upon handling, storage and use of the product.

**REF** MSCS-05E, MSCS-06E, MSCE-06E, MSCH-06E, SCS-05E, SCS-06E, SCE-06E,

<b>Identification of Product and Company</b>			
<b>Product Name:</b>	SCBIs of <i>Bacillus atrophaeus</i> for Monitoring Ethylene Oxide (EO) or <i>Geobacillus stearothermophilus</i> for Monitoring Formaldehyde, Hydrogen Peroxide/Plasma or Steam Processes		
<b>Product Configuration:</b>	SCBI / MSCBI		
<b>Intended Use:</b>	Indicator for Verification of Sterilization Efficacy		
<b>NFPA 704 Hazard Rating</b>	Health: 0	Fire: 0	Reactivity: 0
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<b>Date Created:</b>	March 25 <sup>th</sup> , 2019	<b>Date Revised:</b>	NA
<b>Company:</b>	Excelsior Scientific Ltd, Excelsior House, 3 Stow Gardens, Wisbech, Cambridgeshire, PE13 2HS, United Kingdom		
	Emergency Telephone No.: +44 330 124 3050		
<b>Product Composition</b>			
<p>Product consists of filter paper impregnated with spores of <i>Bacillus atrophaeus</i> or <i>Geobacillus stearothermophilus</i> in known concentrations and a hermetically sealed glass ampule of Tryptic Soy Broth (TSB) modified with a pH indicator contained within a polypropylene or polycarbonate vial and polypropylene or nylon cap.</p> <p>Each SCBI contains a label which has a Chemical Indicator that is manufactured with Indicating Inks free of lead and other heavy metals and components with low Volatile Organic Compounds (VOC's).</p> <p>Product is free of latex and natural dry rubber products.</p>			

<b>First Aid Measures</b>	
<b>Eyes:</b>	Not a likely route of exposure. If contact with eyes occurs, immediately flush eyes with plenty of water for 15 minutes. Get medical attention if irritation persists.
<b>Skin:</b>	No safety concerns associated with skin contact; wash with soap and water as normal hygiene dictates.
<b>Ingestion:</b>	Not a likely route of exposure, however, if ingestion occurs, give water to drink and seek medical advice.
<b>Inhalation:</b>	No safety concerns associated with inhalation.
<b>Fire Fighting Measures</b>	
<b>Suitable Extinguishing Media:</b>	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide
<b>Fire Hazard:</b>	Not flammable
<b>Explosion Hazard:</b>	Product is not explosive
<b>Handling</b>	
<b>Precautions for Safe Handling:</b>	
<p>Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with soap and water before eating, drinking or smoking and again when leaving work.</p> <p>Product contains glass thus should be handled with care during activation (crushing of the media ampule). Careless activation practices could lead to glass shards puncturing the polypropylene vials of the Mini-SCBIs and lead to the possibility of skin lesions requiring first aid measures.</p>	
<b>Methods for Containment and Cleaning Up</b>	
<b>For Containment:</b>	Absorb and/or contain spill with inert material, then place in suitable container.
<b>Methods for Cleaning Up:</b>	Clean up spills immediately and dispose of waste safely.
<b>Shipping Information</b>	
<b>Hazard Category:</b>	Non-hazardous
<b>Conditions/Restrictions:</b>	None
<b>Harmonized Tariff Code:</b>	3002.90.5090