

## PRODUCT SPECIFICATION

# Hexabromo Cyclododecane (HBCD)

<b>Chemical Name</b>	: Hexabromo Cyclododecane		
<b>Molecular Formula</b>	: C <sub>12</sub> H <sub>18</sub> Br <sub>6</sub>	<b>Molecular Weight</b>	: 641.7
<b>HS Code</b>	: 2903890090	<b>CAS number</b>	: 3194-55-6
<b>UN Code</b>	: Not Applicable	<b>DG Class/PKG GP</b>	: Not Applicable
<b>Applications</b>	: Mainly used in Expanded and Extruded Polystyrene (EPS and XPS) for thermal insulation foams, in building and construction in order to meet required high fire safety standards. HBCD also finds application in the back-coating of textiles, SBR, adhesive, coating and UPR.		
<b>Packaging</b>	: 25kg bag, 20MT per 20-ft FCL container with pallet		

Characteristics	Unit	Guaranteed Values
Appearance	-	White powder
Melting Point	°C	180 Min
Bromine Content	%	74.0 Min
Volatile	%	0.2 Max
Particle Size	mesh	80 Min