

<b>dunbrik flues</b>	<b>Dunbrik Smoke Pellets</b>	<b>Product safety data sheet</b>
<b>Description</b>	Smoke pellets generating pyrotechnic smoke for flue leak and blockage testing.	
<b>Physical and chemical properties</b>	Potassium chlorate, guanadine nitrate, thjourea and china clay, combusting to give mainly ammonium chloride fume, carbon dioxide, carbon monoxide & water	
<b>Stability and reactivity</b>	Stable under normal conditions. Ignites readily. Combustion or thermal decomposition. May involve harmful vapours.	
<b>Hazards identification</b>	Ignites readily, burns without flame, giving dense white harmful smoke. Harmful if swallowed. Smoke irritating to eyes.	
<b>Handling &amp; storage</b>	<p>Read the instructions before use. Do not breathe smoke. Avoid contact with eyes and skin. Wash hands before meals and after work. When using, do not eat, drink or smoke.</p> <p>Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Keep in original container, tightly closed in a safe place. Keep away from heat and sources of ignition. Store in a dry place. Storage life; physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperature.</p>	
<b>Potential Health Hazard</b>	Inhalation irritation, possible nausea / runny eyes, after long or concentrated exposure.	
<b>Accidental release measures</b>	<p>Ensure suitable personal protection during removal of spillages. This means wearing eye protection, chemically resistant gloves, boots and coveralls. Transfer to a container of disposal. Wash the spillage area with water. Due to the potassium chlorate content, washings must be prevented from entering surface water or drains. If they do, alert the National Rivers Authority.</p>	
<b>Ecological information</b>	<p>This ecological assessment is calculated from data available on the components of the formulation.</p> <p>Harmful to aquatic organisms. Un-burned composition is non-selectively toxic to plants. Not readily biodegradable.</p>	
<b>Waste disposal</b>	Applies to unburned product. Do not contaminate ponds, waterways or ditches with chemical. Dispose of product according to the requirements of the "Environmental Protection Act 1990". Empty containers should not be used for other purposes. Disposal should be in accordance with local, state or national legislation.	
<b>Fire and explosion</b> <b>Extinguishing Media</b> <b>Fire fighting protective equipment</b>	<p>Ignites readily. Oxidising agent will assist combustion. Keep fire exposed containers cool by spraying water. Flash point 160° C.</p> <p>Use large volumes of water as a spray or fog, avoid use of water jet. Contain run-off water with for example temporary earth barriers.</p> <p>A self-contained breathing apparatus and full protective clothing must be worn in fire conditions.</p>	
<b>Reactions</b>	Continual, heavy users wear a mask suitable for the removal of ammonium chloride dusts at a 10-micron or smaller particle size.	
<b>Exposure controls / Personal protection</b>	<p>When using this product refer to the instructions for details. Should it be necessary to enter a heavily smoke-laden area, protective respiratory equipment and eye protection must be used.</p> <p>Limits for ammonium chloride fumes are 20 milligrams per cubic metre in a ten-minute period. A pellet burns for about 60 seconds. All values fall well within the maximum exposure limits, in an average room size of 21 cubic meters.</p>	

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<b>Emergency and first aid procedure</b>		
<b>Skin contact (unburn product)</b>	Take off all contaminated clothing immediately. Wash skin with water, followed by soap and water. If large areas of skin are effected, or irritation arises, seek medical attention.	
<b>Eye contact</b>	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart for at least 15 minutes and seek medical attention.	
<b>Ingestion</b>	If swallowed, rinse mouth and drink immediately two or more glasses of water or milk. Seek medical attention and show this Data Sheet, if possible.	
<b>Inhalation</b>	In severe cases, remove patient from smoke exposure. If recovery is not rapid or complete, seek medical advice.	
<p>This information is based upon our present state of knowledge and is intended to describe our product from the point of view of safety requirements; it is not therefore to be construed as guaranteeing specific properties.</p> <p style="text-align: center;">Dunbrik (Yorks) Ltd - 172 Ferry Lane, Stanley, Wakefield, WF3 4LT - Tel: 01924 373694  email: tech @ dunbrik.co.uk      web: www.dunbrik.co.uk</p>		