

## MATERIAL SAFETY DATA SHEET



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### 1 IDENTIFICATION OF THE PRODUCT AND COMPANY

<b>Product Name</b>	<b>NAG 13</b>
<b>Manufactured for:</b>	Unicorn Chemicals Ltd Unicorn House Mowbray Drive Blackpool FY3 7UN
<b>Telephone:</b>	+44 (0)1253 396101
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient Name, Classification and Remarks</b>	<b>CAS Number</b>	<b>Percentages</b>
Variable composition, composed essentially of sodium and potassium aluminium silicates with minor crystalline impurities		

### 3 HAZARDS IDENTIFICATION

<b>Physical/Chemical Hazards:</b>
<b>Environmental Hazards:</b>
<b>Human Health Hazards:</b> Irritating to eyes and respiratory system

#### 4 FIRST AID MEASURES

<b>Skin:</b>	
<b>Eyes:</b>	For eye contact, use standard eye wash solutions or water and allow eyes to clear.
<b>Inhalation:</b>	Remove victim to fresh air. Give water to drink.
<b>Ingestion:</b>	
<b>Other First Aid Information:</b>	If a problem persists, consult a physician.
<b>Note to Physician:</b>	N/A

#### 5 FIRE FIGHTING MEASURES

<b>Extinguishing Media:</b>	None required if product unused. If used to collect flammable liquids, then consult MSDS(s) of flammable liquid.
<b>Unsuitable Extinguishing Media:</b>	
<b>Unusual Fire Fighting Hazards:</b>	None if product unused. If used to collect flammable liquids, then consult MSDS(s) of flammable liquid.
<b>Special Fire Fighting Procedures:</b>	
<b>Other Recommendations:</b>	N/A
<b>Combustion Products:</b>	N/A

#### 6 ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid breathing in the dust. When handling, wear eye protection, gloves and respiratory dust equipment suitable for non-carcinogenic dust: MSA Dustfoe 77 or equivalent.
<b>Precautions to Protect the Environment:</b>	Non-toxic if product unused. After product has been used to collect liquid materials, dispose in compliance with MSDS(s) of liquid collected.
<b>Clean-up Procedures:</b>	Normal good practices.

## 7 HANDLING AND STORAGE

<b>Handling Precautions:</b>	Avoid emptying bags in a windy area. Avoid ingestion.
<b>Storage:</b>	Store in a dry area.
<b>Unsuitable Packaging Material:</b>	
<b>Incompatibilities - (Materials to avoid):</b>	
<b>Other Information:</b>	

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Controls:</b>	Respirable dust:	TWA=4mg/m <sup>3</sup>	8 hours
	Inhalable dust:	TWA=10mg/m <sup>3</sup>	8 hours
<b>Exposure Controls for Hazardous Components:</b>			
<b>Personal Protective Equipment:</b>			
<b>Respiratory:</b>	Dust masks to an approved British standard		
<b>Hand:</b>	Gloves		
<b>Eyes:</b>	Goggles to an approved British standard		
<b>Skin:</b>			
<b>Industrial Hygiene:</b>			

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White particulate material
<b>Safety Related Information;</b>	6.6-8.0
<b>pH:</b>	None
<b>Odour:</b>	N/A
<b>Boiling Point:</b>	N/A
<b>Melting Point:</b>	
<b>Flash Point:</b>	
<b>Flammability:</b>	
<b>Autoflammability:</b>	None
<b>Explosive Properties:</b>	
<b>Oxidising Properties:</b>	N/A
<b>Vapour Pressure (mm HG):</b>	2.6
<b>Relative Density:</b>	
<b>Solubility:</b>	Insoluble in water and most acids

## 10 STABILITY AND REACTIVITY

<b>Stability:</b>	<b>Stable</b>
<b>Reactivity:</b>	
<b>Dangerous Reactions:</b>	<b>HYDROFLUORIC ACID</b>
<b>Materials to Avoid:</b>	<b>HYDROFLUORIC ACID</b>
<b>Hazardous Decomposition Products:</b>	<b>None</b>

## 11 TOXICOLOGICAL INFORMATION

<b>Possible Health Effects:</b>	<b>No acute or chronic</b>
<b>Skin:</b>	Possible irritant
<b>Eyes:</b>	Possible irritant
<b>Inhalation:</b>	

## 12 ECOLOGICAL IMPACT:

<b>No harmful effect on humans or nature.</b>
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### 13 WASTE DISPOSAL:

**Residue:** None required if product unused. If used to collect spill, dispose of the product in the manufacturer's recommended way. If used to collect flammable liquids then consult the MSDS of the flammable liquid collected.

### 14 TRANSPORT INFORMATION

No special carriage arrangements required.

### 15 REGULATORY INFORMATION

**EEC Supply Classification & Labelling: (67/548/EEC)**  
No special requirements.

### 16 OTHER INFORMATION

**Use to absorb all liquids and semi liquid material. Avoid Hydrofluoric Acid.**

**This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548, and 88/379EEC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.**

**All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Unicorn Chemicals Ltd shall not be held responsible for any defect in the product covered by this SDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.**

**The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law).**

**The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.**