



# MSDS G45

Effective Date:  
17-AUG-2007

This Material Safety Data Sheet applies to the following Baldwin Filters Part Numbers:

**BA5374**

**BA5375**

**BA5376**

## I. Identification

**Emergency Only Telephone:** (800) 424-9300 Inside the U.S., Canada and the U.S. Virgin Islands  
(703) 527-3887 Outside the U.S. (collect calls accepted)

**Information Telephone:** (800) 822-5394

**Chemical Name:** Molecular Sieve

## II. Composition, Information on Ingredients

**Chemical Structure**  $2/3K_2O, 1/3Na_2O, Al_2O_3, 2SiO_2, 9/2H_2O$

**Active Ingredient** 70% or 25%

## III. Hazards Identification

**Skin Contact** No specific first aid measures are required because material is not expected to be harmful to skin. As a precaution, remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean clothing and shoes before reuse. Dispose or incinerate at landfill if permitted.

**Oral Ingestion** It is not expected to be harmful if swallowed. As a precaution, give the person a glass of water or milk to drink and get medical advice. In case of inhalation, move the exposed person to fresh air. If not breathing, give artificial resuscitation. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.

**Eye Contact** Flush eyes with water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing and continue flushing for at least 15 minutes. Get medical attention if irritation persists.

#### **IV. First Aid Measures**

<b>Eye</b>	If accidental eye contact occurs, wash thoroughly with water and get medical care.
<b>Skin</b>	Wash exposed skin thoroughly with soap and water.

#### **V. Firefighting Measures**

<b>Suitable Extinguishing Media</b>	Use dry chemical sandy soil, chemical foam, carbon dioxide
<b>Exposure Hazards During Fire</b>	None
<b>Special Protective Equipment</b>	Protective clothing and self-contained breathing equipment should be available for firefighters.

#### **VI. Accidental Release Measures**

Mix with inert material (e.g. dry sand, vermiculite) and transfer to sealed container for disposal

#### **VII. Handling and Storage**

<b>Storages</b>	Store in a cool, well-ventilated area. Keep away from heat and flame. Store in a tightly closed container.
<b>Incompatibilities</b>	Oxidants and food.

#### **VIII. Exposure Controls, Personal Protection**

<b>Exposure Controls</b>	The substance presents no explosive hazard
<b>Ventilation</b>	Local exhaust is required
<b>Protective Clothing</b>	No protective clothing is normally required.
<b>Eye Protection</b>	Chemical workers' goggles are required if engineering controls or work practices are not adequate to prevent eye contact.

#### **IX. Physical and Chemical Properties**

<b>Appearance</b>	White or light yellow viscous paste (SLES/70) White or light yellow viscous liquid (SLES/25)
<b>Odor</b>	None
<b>Solubility</b>	Hardly soluble in water, practically soluble in acetone, practically soluble in ethanol

#### **X. Stability and Reactivity**

<b>Stability</b>	In the closed-up flash point test, fp=80°C. The substance does not belong to flammable liquid.
<b>Reactivity</b>	The substance does not react vigorously with reducing agent, so it does not belong to oxidizing substances.

## **XI. Toxicological Information**

The substance does belong to toxic substances

## **XII. Ecological Information**

No information available

## **XIII. Disposal Consideration**

### **Disposal Method**

Contact local environmental or health authorities for approved disposal of this material

### **Spill or Leak**

Contact local environmental or health authorities for approved disposal of this material

## **XIV. Transport Information**

The substance is not subject to IATA DGR

## **XV. Regulatory Information**

No information available

## **XVI. Other Information**

The above information is given in good faith, but no guarantee. It is intended to describe our products from a point of view of safety requirement.

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