

## 1: Identification of substance / mixture

### 1. Product Identifier

Substance

Product Name **Adonitol (Ribitol)**  
Product Code A32000  
CAS Number 488 - 81 - 3  
Other Names Adonite  
IUPAC  
MFCD Number  
EC/EINECS 207 - 685 - 7  
REACH Number Index-No

### 2. Relevant identified uses of the substance or mixture and uses advised against

### 3. Details of the supplier of the safety data sheet

Melford Laboratories Ltd  
Bildeston Road, Chelsworth  
Ipswich  
Suffolk  
IP77LE  
UK



Telephone: 01449 741178  
Fax: 01449 741217  
Email: support@melford.co.uk

### 4. Emergency telephone number

+44(0)1449 741178 -

## 2. Hazards Identification

### 1. Classification of the substance or mixture

Non Hazardous

### 2. Label elements

Non Hazardous

### Hazard Statements

Non Hazardous

### Precautionary Phrases

Non Hazardous

### 3. Other Hazards

Non Hazardous

## 3. Composition / Information on Ingredients

### 1. Substances

Product Name	Hazards	Concentration
Adonitol (Ribitol)		
CAS Number: 488 - 81 - 3 EC/EINECS: 207 - 685 - 7		<=100%

## 4. First Aid Measures

### 1. Description of first aid measures

*Skin Contact*  
*Eye Contact*  
*Ingestion*  
*Inhalation*

### 2. Most important symptoms and effects

### 3. Indication of any immediate medical attention

## 5. Firefighting measures

### 1. Extinguishing Media

*Suitable*

*Unsuitable*

### 2. Special Hazards arising from the substance or mixture

### 3. Advice for Fire Fighters

## 6. Accidental Release Measures

### 1. Personal Precautions

Do not take action without suitable protective clothing -see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust or gas.

### 2. Environmental Precautions

Do not discharge into drains or rivers.

### 3. Methods & Materials

Cover spillage with suitable absorbent material.  
Using non-spark tools, sweep up material and place in an appropriate container. Decontaminate spill site with 10% caustic solution and ventilate area until after disposal is complete. Hold all material for appropriate disposal as described under section 13 of SDS.

### 4. Preventing the occurrence of secondary hazards.

Clean up all spills immediately. Wear suitable PPE.

## 7. Handling and Storage

### 1. Personal Precautions

*Safe Handling*

*Protection against  
explosions and fires*

### 2. Conditions for safe storage, including any incompatibilities

*Managing Storage Risks*

*Storage Controls*

*Maintaining Integrity*

*Other advice*

### 3. Specific End Uses

## 8. Exposure Controls/Personal Protection

### 1. Control Parameters

No Data Available

## 2. Exposure Controls

*General protective and hygiene measures*

*Engineering measures*

*Eye / Face Protection*

*Hand protection*

*Respiratory protection*

*Skin protection*

*Other personal protection advice*

## 9. Physical and Chemical Properties

### 1. Physical and Chemical Properties

Appearance	Solid
Odour	No Data Available
Odour threshold	No Data Available
PH	No Data Available
Melting point / Freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability(solid,gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour density	No Data Available
Relative density	No Data Available
Solubility(ies):	No Data Available
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidising properties	No Data Available

### 2. Other Information

No additional information available

## 10. Stability and Reactivity

### 1. Reactivity

### 2. Stability

### 3. Possibility of Hazardous Reactions

### 4. Conditions to Avoid

### 5. Incompatible Materials

### 6. Hazardous Decomposition Products

## 11. Toxicology information

### 1. Information

*Acute Toxicity*

*Skin corrosion/irritation*

*Serious eye  
Damage/irritation  
Respiratory or skin  
sensitisation  
Germ Cell mutagenicity  
Carcinogenicity  
Reproductive toxicity  
STOT-single exposure  
STOT-repeated exposure  
Aspiration hazard*

## 2. Additional

## 12. Ecological Information

### 1. Toxicity

### 2. Persistence and degradability

### 3. Bio-Accumulative Potential

### 4. Mobility and Soil

### 5. Results of PBT & vPvB assessment

### 6. Other adverse effects

## 13. Disposal Considerations

### 1. Waste Treatment Methods

*Disposal Operations  
Disposal of Packaging*

## 14. Transport Information

### Air (ICAO)

Not classified as hazardous for transport

### Road (ADR)

Not classified as hazardous for transport

### Sea (IMDG)

Not classified as hazardous for transport

## 15. Safety, health, environmental and national regulations

### 1. Safety, health, environmental and national regulations:

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## 2. Safety Assessment

No Chemical Safety Assessment

## 16. Other Information

### 1. Other Information:

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### 2. Associated risk phrases according to European directive 67/548/EEC

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### 3. Disclaimer