

# SAFETY DATA SHEET

## Bitumax Bulk

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name Bitumax Bulk

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

Identified uses Solvent cleaner

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

##### Supplier

Aztec Chemicals  
Unit 16, University Way  
Orion Park  
Crewe  
Cheshire  
CW1 6NG  
+ 44 (0) 1270 655500 (T)  
+ 44 (0) 1270 655501 (F)  
info@aztecchemicals.com

#### 1.4. Emergency telephone number

Emergency telephone +44 (0)7831 300868

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226  
Health hazards Eye Dam. 1 - H318 STOT SE 3 - H336 Asp. Tox. 1 - H304  
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R65. Xi;R36. R10,R66.

Environmental The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

##### Pictogram



##### Signal word

Danger

##### Hazard statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.

## Bitumax Bulk

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P102 Keep out of reach of children.

P501 Dispose of contents/ container in accordance with local regulations.

P262 Do not get in eyes, on skin, or on clothing.

P280 Wear protective gloves.

P271 Use only outdoors or in a well-ventilated area.

P308+P313 IF exposed or concerned: Get medical advice/ attention.

**Supplemental label information**

RCH002b For professional users only.

**Contains**

ALIPHATIC HYDROCARBON (D40), Alcohol ethoxylate

**Detergent labelling**

≥ 30% aliphatic hydrocarbons, < 5% non-ionic surfactants

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>ALIPHATIC HYDROCARBON (D40)</b>	<b>60-100%</b>
CAS number: —	EC number: 919-857-5
	REACH registration number: 01-2119463258-33-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn;R65. R10,R66.
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
<b>3-BUTOXYPROPAN-2-OL</b>	<b>5-10%</b>
CAS number: 5131-66-8	EC number: 225-878-4
	REACH registration number: 01-2119475527-28
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xi;R36/38
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
<b>Alcohol ethoxylate</b>	<b>1-5%</b>
CAS number: 68439-46-3	REACH registration number: N/A
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Xn;R22. Xi;R41.
Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information**

Keep the affected person warm and at rest. Get prompt medical attention.

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<b>Inhalation</b>	Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately. If breathing stops, provide artificial respiration.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. Get medical attention immediately.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Foam. Dry chemicals. Water spray.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	The product is flammable. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours.
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### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Use water to keep fire exposed containers cool and disperse vapours. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Use water spray to reduce vapours.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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**Usage precautions** Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Use good earthing procedures when decanting from container.

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

**Storage precautions** Keep away from oxidising materials, heat and flames. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### **ALIPHATIC HYDROCARBON (D40)**

Long-term exposure limit (8-hour TWA): SUP 1040 mg/m<sup>3</sup>

#### **3-BUTOXYPROPAN-2-OL**

Long-term exposure limit (8-hour TWA): No std.

**Ingredient comments** SUP = Supplier's recommendation.

#### ALIPHATIC HYDROCARBON (D40)

<b>DNEL</b>	Workers - Dermal; Long term systemic effects: 300 mg/kg/day
	Workers - Inhalation; Long term systemic effects: 1500 mg/m <sup>3</sup>
	Consumer - Dermal; Long term systemic effects: 300 mg/kg
	Consumer - Inhalation; Long term systemic effects: 900 mg/m <sup>3</sup>
	Consumer - Oral; Long term systemic effects: 300 mg/kg/day

### 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

**Personal protection** When using do not smoke

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

**Hygiene measures** Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

**Respiratory protection** No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	Blue.
<b>Odour</b>	Organic solvents.

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<b>Melting point</b>	<20°C
<b>Initial boiling point and range</b>	150 - 200°C @
<b>Flash point</b>	38°C CC (Closed cup).
<b>Relative density</b>	0.778 @ °C
<b>Auto-ignition temperature</b>	230°C
<b>Viscosity</b>	0.95 cSt @ 25°C
<b>Comments</b>	Information given is applicable to the major ingredient.

### 9.2. Other information

<b>Other information</b>	Not available.
<b>Volatile organic compound</b>	This product contains a maximum VOC content of 764 g/l.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Does not decompose when used and stored as recommended.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Oxidising agents. Reducing agents.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Keep away from oxidising materials, heat and flames.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	16,666.66666667
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<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
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<b>Ingestion</b>	Harmful: may cause lung damage if swallowed.
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<b>Skin contact</b>	Repeated exposure may cause skin dryness or cracking.
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<b>Eye contact</b>	Irritating to eyes.
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<b>Acute and chronic health hazards</b>	Contents may cause lung damage if swallowed. Aspiration into the lungs may cause chemical pneumonitis. Prolonged contact may cause dryness of the skin.
<b>Route of entry</b>	Inhalation Ingestion. Skin and/or eye contact
<b>Target organs</b>	Respiratory system, lungs

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** Not available.

#### 12.2. Persistence and degradability

**Persistence and degradability** Not available.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not available.

#### 12.4. Mobility in soil

**Mobility** Not known.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** Not available.

#### 12.6. Other adverse effects

**Other adverse effects** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

### SECTION 14: Transport information

**General** Packs of 5L and under are not regulated under the Limited Quantities Provisions.

#### 14.1. UN number

**UN No. (ADR/RID)** 1993

**UN No. (IMDG)** 1993

**UN No. (ICAO)** 1993

**UN No. (ADN)** 1993

#### 14.2. UN proper shipping name

**Proper shipping name (ADR/RID)** FLAMMABLE LIQUID, N.O.S.

**Proper shipping name (IMDG)** FLAMMABLE LIQUID, N.O.S.

**Proper shipping name (ICAO)** FLAMMABLE LIQUID, N.O.S.

**Proper shipping name (ADN)** FLAMMABLE LIQUID, N.O.S.

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### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>National regulations</b>	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Control of Substances Hazardous to Health Regulations 2002 (as amended). The Aerosol Dispensers Regulations 1977 & 1999
<b>EU legislation</b>	Commission Regulation (EU) No 453/2010 of 20 May 2010.

## Bitumax Bulk

**Guidance** Workplace Exposure Limits EH40.  
 CHIP for everyone HSG228.  
 Safety Data Sheets for Substances and Preparations.  
 Approved Classification and Labelling Guide (Sixth edition) L131.  
 British Aerosol Manufacturers Code of Practice 7th. Edition 1999

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision comments</b>	Supplemental information added.
<b>Revision date</b>	20/11/2015
<b>Revision</b>	2
<b>SDS number</b>	10079
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R10 Flammable. R22 Harmful if swallowed. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R41 Risk of serious damage to eyes. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking.
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

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