

### SAFETY DATA SHEET B7649

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name B7649

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

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

Supplier BONDLOC UK LTD  
UNIT 2 BEWDLEY BUSINESS PARK  
LONG BANK  
BEWDLEY  
WORCESTERSHIRE  
DY12 2TZ  
01299 269269  
01299 269210  
sales@bondloc.co.uk

##### 1.4. Emergency telephone number

+44 (0)1299 269269 Monday - Friday 09:00-17:00 hrs

#### SECTION 2: HAZARDS IDENTIFICATION

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

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

Physical and Chemical Hazards Flam. Liq. 2 - H225  
Human health EUH066; Eye Irrit. 2 - H319; STOT SE 3 - H336  
Environment Aquatic Chronic 3 - H412

###### Classification (1999/45/EEC)

Xi; R36. F; R11. R52/53, R66, R67.

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

##### 2.2. Label elements

###### Label In Accordance With (EC) No. 1272/2008



###### Signal Word

Danger

###### Hazard Statements

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

###### Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P313 Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local regulations.

###### Supplementary Precautionary Statements

P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical equipment.

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P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P273	Avoid release to the environment.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P370+378	In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P337	If eye irritation persists:
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P403+235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

**Supplemental label information**

EUH066	Repeated exposure may cause skin dryness or cracking.
EUH208	Contains 2-HYDROXYPROPYL METHACRYLATE. May produce an allergic reaction.

**2.3. Other hazards**

None if used properly

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

<b>2,6-DI-TERT-BUTYL-P-CRESOL</b>	<b>1-5%</b>
<b>CAS-No.: 128-37-0</b>	<b>EC No.: 204-881-4</b>
Classification (EC 1272/2008) Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) N;R50/53.
<b>2-HYDROXYPROPYL METHACRYLATE</b>	<b>&lt; 1%</b>
<b>CAS-No.: 27813-02-1</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) Xi;R36. R43.
<b>4,6-Dihydroxy-2-phenylpyrimidine</b>	<b>1-5%</b>
<b>CAS-No.: 63447-35-8</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.
<b>ACETONE</b>	<b>60-100%</b>
<b>CAS-No.: 67-64-1</b>	<b>EC No.: 200-662-2</b>

Classification (EC 1272/2008)  
 Flam. Liq. 2 - H225  
 EUH066  
 Eye Irrit. 2 - H319  
 STOT SE 3 - H336

Classification (67/548/EEC)  
 F;R11  
 Xi;R36  
 R66  
 R67

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**

General first aid, rest, warmth and fresh air.

#### **Inhalation**

Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.

#### **Ingestion**

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. DO NOT INDUCE VOMITING!

#### **Skin contact**

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues.

#### **Eye contact**

Make sure to remove any contact lenses from the eyes before rinsing. Rinse with water. Contact physician if discomfort continues.

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

#### **General information**

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### **Extinguishing media**

Water spray, foam, dry powder or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

#### **Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### **Unusual Fire & Explosion Hazards**

HIGHLY FLAMMABLE!

#### **Specific hazards**

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

### 5.3. Advice for firefighters

#### **Special Fire Fighting Procedures**

No specific fire fighting procedure given.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area. Do not smoke, use open fire or other sources of ignition. Do not breathe vapour.

### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Risk of vapour concentration on the floor and in low-lying areas.

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

Flammable/combustible - Keep away from oxidisers, heat and flames.

**7.3. Specific end use(s)**

No Data is available on this product

**Usage Description**

No further relevant information available

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1. Control parameters**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2,6-DI-TERT-BUTYL-P-CRESOL	WEL		10 mg/m <sup>3</sup>			
ACETONE	WEL	500 ppm	1210 mg/m <sup>3</sup>	1500 ppm	3620 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

**8.2. Exposure controls****Process conditions**

Ensure suitable ventilation of area

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Colourless-pale yellow liquid.
<b>Colour</b>	Straw.
<b>Odour</b>	Noticeable.
<b>Solubility</b>	Soluble in water.
<b>Initial boiling point and boiling range</b>	56
<b>Relative density</b>	0.79
<b>Vapour pressure</b>	181 mm Hg 20
<b>Evaporation rate</b>	Not available.
<b>pH-Value, Conc. Solution</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Solubility Value (G/100G H<sub>2</sub>O@20°C)</b>	Not available.
<b>Decomposition temperature (°C)</b>	Not available.
<b>Flash point</b>	-17
<b>Auto Ignition Temperature (°C)</b>	465
<b>Flammability Limit - Lower(%)</b>	2.5
<b>Flammability Limit - Upper(%)</b>	12.8

**Explosive properties**

Not available.

**9.2. Other information**

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Not available.

**10.4. Conditions to avoid**

Avoid exposing to heat and contact with strong oxidising substances. Avoid heat, flames and other sources of ignition.

**10.5. Incompatible materials****Materials To Avoid**

oxidisers

**10.6. Hazardous decomposition products**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

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**SECTION 11: TOXICOLOGICAL INFORMATION**


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**11.1. Information on toxicological effects****Toxic Dose 1 - LD 50**

580 mg/kg (oral rat)

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**SECTION 12: ECOLOGICAL INFORMATION**


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**Ecotoxicity**

Not known.

**12.1. Toxicity**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**12.2. Persistence and degradability**

No further relevant information available

**12.3. Bioaccumulative potential****Bioaccumulative potential**

No data available on bioaccumulation.

**12.4. Mobility in soil****Mobility:**

The product is soluble in water.

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

No data available

**12.6. Other adverse effects**

Not available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**


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**General information**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

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**SECTION 14: TRANSPORT INFORMATION**


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**General**

Classified as hazardous

**14.1. UN number****UN No. (ADR/RID/ADN)**

UN 1090

**14.2. UN proper shipping name****Proper Shipping Name**

Acetone FLAMMABLE LIQUID

**14.3. Transport hazard class(es)****ADR/RID/ADN Class**

Class 3: Flammable liquids.

**14.4. Packing group**

ADR/RID/ADN Packing group II

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

**14.6. Special precautions for user**

Hazard No. (ADR) 3 Flammable liquid

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Cat Y

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Uk Regulatory References**

Chemicals (Hazard Information &amp; Packaging) Regulations.

**EU Legislation**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION****Risk Phrases In Full**

R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R11	Highly flammable
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Hazard Statements In Full**

EUH066	Repeated exposure may cause skin dryness or cracking.
H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the material safety data sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product. , WARRENTY: all products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that it's product will meet those specifications designated as such here in or in other publications. All other information supplied by Bondloc is considered accurate but are furnished on the expressed condition the customer shall make its own assesment to determine the products' suitability for a particular purpose. Bondloc makes no other warrenty, either expressed or implied, including those regarding such other information, the data upon which the same is based, all the results to be obtained from the use there of; that any product shall be merchantable or fit for any particular purpose; all that the use of such other information or products will not infringe any patent.