

**HiChem Paint Technologies Pty.Ltd.**

A.B.N. 95 064 139 653  
 73 Hallam South Road, HALLAM, VICTORIA 3803.  
 Telephone : {03} 9796 3400 Facsimile : {03} 9796 4500  
 Email:msdsinfo@hichem.com.au www:hichem.com.au

**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

<b>Product Name</b>	MOULD KILL	<b>Code</b>	
<b>Product Use</b>	Apply by brush as a mould killer on contaminated surfaces.		
<b>Ingredients</b>	<b>Name</b>	<b>CAS Number</b>	<b>Proportion w/w</b>
	Water	7732 – 16 – 5	60 – 100 %
	Sodium Ortho Phenyl Phenate	6152 – 33 – 6	1.0 – <10.0%

**HAZARD IDENTIFICATION**

The product is classified as a **Hazardous Substance** in accordance to ASCC

**Risk Phrases R**

- 36/38 Irritating to eyes and skin.  
 40 Limited evidence of a carcinogenic effect.  
 51 Toxic to aquatic systems.

**Safety Phrases S**

- 2 Keep out of reach of children.  
 7/9 Keep containers tightly closed when not in use and also in a well ventilated area.  
 20/21 When using, do not eat, drink or smoke.  
 24/25 Avoid skin contact and with the eyes.  
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention if irritation occurs.  
 27 Take off all contaminated clothing.  
 28.1 In contact with the skin or hair, wash with soap and plenty of water and seek medical attention if irritation occurs.  
 36/37/38/39 The wearing of a Eye – Face Shield, Viton or PVC gloves, enclosed footwear, high temperature and anti – static clothing, and hair protection.  
 45 In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.  
 62 If swallow, give plenty of water to drink. Do not induce vomiting. Seek urgent medical attention if any symptoms occur.

**ADG Classification** Deemed as a Non Dangerous Goods in accordance with the current edition of “Australian Code for the Transport of Dangerous Goods by Road and Rail”

**SUSDP** Classified as a Schedule 5 poison.

**FIRST AID MEASURES**

<b>Inhalation</b>	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.
<b>Ingestion</b>	If swallowed, and only if the person is conscious, give plenty of water to drink. Do <b>NOT</b> induce vomiting. Seek urgent medical attention if any symptoms occur.
<b>Eyes</b>	If splashed into eyes, hold eyes open, irrigate copiously with clean water for at least 15 minutes. Seek medical attention if any irritation occurs.
<b>Skin and Hair</b>	If skin or hair contact occurs, remove all contaminated clothing, flush skin and hair with running water. Seek medical attention if any irritation occurs.
<b>First Aid Facilities</b>	Clean Water Supply, emergency showers, soap and eye wash stations.
<b>Advice to Doctor</b>	If poisoning occurs, consult with the Poisons Information Centre {Telephone <b>13 11 26</b> }. Have a copy of this material safety data sheet or label available. Treat symptomatically as systems may be delayed for several hours after exposure.

**FIRE FIGHTING MEASURES**

<b>Extinguishing Media and Requirements</b>	Not required, since the product is non – flammable and non – combustible. Will not burn in a fire.
<b>Fire Fighting Procedures &amp; Precautions</b>	Not required. It is advisable to turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so. Keep upwind.
<b>Flammability</b>	Non – Flammable Liquid.
<b>Hazardous Decomposition Products</b>	Above the boiling point (100 ° Celsius) phenol, carbon oxides and phenol related compounds can be formed.

**ACCIDENTAL RELEASE MEASURES**

<b>Spills and Leaks</b>	Contain all spills and leaks. Avoid contamination with spilt material on surfaces. Remove all sources of ignition and <b>NO SMOKING</b> . Wear the recommended full body impervious clothing and gloves. Keep upwind. Absorb all spilt contents onto sand or earth.
<b>Disposal</b>	Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.
<b>Other Precautions</b>	Avoid contaminating waterways, drains, water courses and sewage.



**HANDLING and STORAGE**

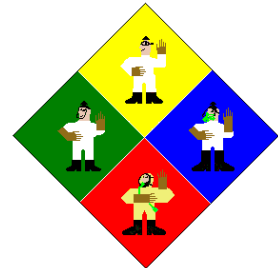
<b>Handling</b>	Keep out of reach of children. After use and before eating, drinking or smoking, wash all exposed skin and hair with soap and water.
<b>Storage</b>	Containers must be clearly labelled, rigid and strong. No special storage requirements are necessary.

**EXPOSURE CONTROLS**

<b>Exposure Standards OEL</b>	There are no assigned exposure standards for this product.
<b>Exposure Standards STEL</b>	There are no assigned exposure standards for this product.
<b>Engineering Controls</b>	Use in a well ventilated area e.g. doors and windows open, during the application period.

**PERSONAL PROTECTION**

<b>Inhalation</b> AS –NZS 1715/16	The wearing of a face mask during handling and brush application period <b>must</b> be worn
<b>Eye</b> AS –NZS 1337	The wearing of Eye – Face Shield at all times <b>must</b> be worn during handling and brush application period. Do not wear contact lenses.
<b>Gloves</b> AS –NZS 2161	The wearing of Viton or PVC gloves at all times during handling and brush application period <b>must</b> be worn.
<b>Footwear</b> AS –NZS 2210	The wearing of enclosed footwear at all times during the handling and brush application period <b>must</b> be worn
<b>Clothing</b> AS –NZS 2919	The wearing of anti–static clothing made on natural or synthetic high temperature fibre at all times during the handling and brush application period <b>must</b> be worn.
<b>Hearing</b> AS –NZS 1270	Not required.
<b>Other Requirements</b>	Avoid contact with eyes, skin and hair. The wearing of recommended Personal Protective Equipment as described including hair protection during handling and brush application period.

**PHYSICAL – CHEMICAL PROPERTIES**

<b>Appearance</b>	A colourless liquid with no appreciable odour.
<b>pH</b>	9 – 10
<b>Vapour Pressure</b> (Butyl Acetate = 1)	Less than 1.
<b>Boiling Point °C</b>	100 °C {literature value}
<b>Density</b>	1.01
<b>Solubility in water</b>	Miscible
<b>Flash Point °C</b>	Non – Flammable
<b>Flammability Limits</b>	Not required.
<b>Auto Ignition °C</b>	Not required
<b>Volatile Components</b>	Water.

**STABILITY and REACTIVITY**

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to avoid</b>	Not required
<b>Incompatible materials</b>	Not required
<b>Hazardous decomposition products</b>	Above the boiling point (100 ° Celsius) phenol, carbon oxides and phenol related compounds can be formed.
<b>Hazardous Reactions</b>	Will not polymerise.

**TOXICOLOGICAL INFORMATION**

<b>Health Effects</b>	<b>Risk Phrase</b>	<b>Sodium Ortho Phenyl Phenate</b>
<b>Inhalation LC<sub>50</sub> rat</b>	20	No data available
<b>Dermal LD<sub>50</sub> rabbit</b>	21	No data available
<b>Oral LD<sub>50</sub> rat</b>	22	1050 mg/kgm

**Note**

Risk phrases R20/21/22 has been assigned by the EEC Council Directive 67/548/EEC.

Risk Phrases R20/21/22 – Harmful by inhalation, skin contact or if swallowed.

**OTHER TOXICOLOGICAL INFORMATION****Other Health Effects**

<b>Inhalation</b>	May cause respiratory tract irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Eyes</b>	Irritating to the eyes, including burning sensation, redness, swelling and/or blurred vision.
<b>Skin</b>	Irritating on the skin may result in contact dermatitis.
<b>Carcinogenicity</b>	Limited evidence of a carcinogenic effect.
<b>Mutagenicity</b>	No data available.
<b>Reproductive Toxicity</b>	No data available.

**ECOLOGICAL INFORMATION**

<b>Environment</b>	R51 Toxic to aquatic systems.
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**DISPOSAL CONSIDERATIONS**

Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents or spent containers. Crush all small empty containers. Larger containers and drums may be sent to an approved drum recycler.

**TRANSPORT INFORMATION**

<b>UN number</b>	Not required		
<b>Proper Shipping Name</b>	Deemed as Non – Dangerous Goods.		
<b>Class</b>	Not required	<b>Subsidiary Risk</b>	Not required
<b>Packing Group</b>	Not required		
<b>Emergency Procedures</b>	EP 3990	<b>Initial Emergency Response Guide</b>	
<b>HAZCHEM</b>	Not required		
<b>IMDG</b>			

**REGULATORY INFORMATION**

**SUSDP** Classified as a Schedule S 5 poison.

**OTHER INFORMATION**

**Emergency Contact** **Poisons Information Centre 13 11 26** **HiChem Paint Technologies (03) 9796 3400**

**Disclaimer** *Data provided is to best of HiChem Paint Technologies Proprietary Limited knowledge and believe to be accurate and reliable as of the date of issued. However no expressed or implied warranties are given. HiChem Paint Technologies Proprietary Limited cannot anticipate or control the conditions under which this information may be used. Therefore, it is user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use. It is the responsibility of the user to ensure that the issue is current. This information given is a non-controlled document*