

## MATERIAL SAFETY DATA SHEET

### Section 1: IDENTIFICATION

#### SURFEX

**Recommended Use:** Disinfectant

**Product Code:** 160119 (2x5L)



#### Whiteley Medical

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Emergency Telephone Number: Poisons Information Centre (National) 131126

### Section 2: HAZARDS

Classified as hazardous by the criteria of Safe Work Australia.

Dangerous Goods Class 8 – Corrosive.

R35: Causes severe burns.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

### Section 3: COMPOSITION INFORMATION

<b>Ingredient</b>	<b>CAS No</b>	<b>Proportion</b>
Ingredients deemed not to be hazardous	Not applicable	To 100%
o-phenyl phenol	90-43-7	10-<30%
Sodium Hydroxide	1310-73-2	<10%
o-benzyl-p-chlorophenol	120-32-1	<10%

### Section 4: FIRST AID

<b>Eye (Contact)</b>	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical attention.
<b>Skin (Contact)</b>	Remove any contaminated clothing, wash skin thoroughly with soap and water. Contact the Poisons Information Centre or a doctor.
<b>Inhalation(Breathing)</b>	Remove victim from exposure. Allow patient to assume most comfortable position and keep warm. Oxygen may be administered by qualified personnel if breathing is difficult. Seek medical attention.
<b>Ingestion (Swallowing)</b>	DO NOT induce vomiting. If victim is conscious and alert, rinse mouth with water and give water to drink. Never give anything by mouth to an unconscious person. Contact a Poisons Information Centre (Phone

131126) or a doctor.

<b>Advice to Doctor</b>	Treat symptomatically for highly alkaline phenolic solution.
<b>First Aid Facilities</b>	Ensure an eye bath and a safety shower is available and ready for use.
<b>Additional Information</b>	No aggravated medical conditions are known to be caused by exposure to this product.

### Section 5: FIREFIGHTING MEASURE

<b>Suitable Extinguishing Media</b>	Use extinguishing media suited to the materials that are burning. eg. Dry chemical, CO <sub>2</sub> or water spray.
<b>Hazards From Combustion Products</b>	Toxic gases may be produced including carbon oxides, sodium oxides and hydrogen chloride gas.
<b>Precautions For Fire Fighters and Special Protective Equipment</b>	Firefighters must wear full protective clothing including self contained breathing apparatus and chemical splash suit. Ensure that spillage does not enter drains or water courses. If safe to do so, remove from the vicinity containers not involved in the fire.
<b>Additional Information</b>	<b>Hazchem Code</b> – 2R

### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedure</b>	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide (Guide 36) – for large volumes.
<b>Spills / Clean up</b>	Clean up personnel should wear full protective clothing. Restrict access to area until completion of cleanup. Stop leak if safe to do so. Contain spill with absorbent material, such as toweling, sand, vermiculite or other inert material. Prevent spill entering sewers or waterways. Collect and dispose of spilled material according to local regulations. Wash away remnants with copious amounts of cold water. Clean area by working from the periphery to the centre of spill or from the edge of the room to the centre.

### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Contact Whiteley Corporation sales representative for advice when using this product for any application other than that outlined on the label or technical bulletin. Any non-intended or non-authorized use of this product may result in severe personal injuries or damage to equipment. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed.

### Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**National Exposure Standards** – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

Ingredient

CAS No

ES-TWA

ES-STEL

Sodium Hydroxide

1310-73-2

2mg/m<sup>3</sup>**Biological Limit Values**

Not available.

**Engineering Controls**

Ensure adequate ventilation to keep airborne concentrations below exposure standards.

**Personal Protective Equipment**

Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact.  
Skin protection – Use nitrile rubber gloves, chemical resistant boots and overalls to prevent skin contact.  
Respiratory protection – Not usually required. If the potential exists for the generation of aerosols or mists wear a suitable respirator.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****Appearance** Dark blue liquid**Boiling Point** greater than 100°C**Odour** Phenolic**Freezing Point** approximately 0°C**pH** >12.5**Solubility** Soluble in water.**Specific Gravity** 1.05**Flash Point** Not Applicable.**Vapour Pressure** Not Available.**Upper and Lower Flammability limits (in air)** Not Applicable.**Vapour Density** Not Available.**Ignition Temperature** Not Applicable.**Section 10: STABILITY AND REACTIVITY****Chemical Stability**

Stable under normal ambient storage conditions.

**Conditions to avoid**

Avoid high temperatures (store below 30°C). Protect against physical damage.

**Incompatible materials**

Incompatible with strong oxidising agents and acids.

**Hazardous decomposition products**

None known.

**Hazardous reactions**

None known.

**Section 11: TOXICOLOGICAL INFORMATION****HEALTH EFFECTS****Acute****Swallowed**

May cause tissue damage in the mouth, throat and stomach.

**Eye**

Pain and reddening will occur. Severe damage may result if not treated immediately.

**Skin**

Causes irritation, redness and burns on contact with skin.

**Inhaled**

May be harmful if inhaled. Material is destructive to the mucuous membranes and upper respiratory tract.

**Chronic****Swallowed**

No effects known.

**Eye**

No effects known.

**Skin**

No effects known.

**Inhalation**

No effects known.

**TOXICITY DATA**

Sodium hydroxide	LD <sub>50</sub> 40mg/kg (Intraperitoneal, mouse)	RTECS WB4900000
o-phenyl phenol	LD <sub>50</sub> 1050mg/kg (oral, mouse)	RTECS DV5775000
o-benzyl-p-chlorophenol	LD <sub>50</sub> 1700mg/kg (oral, mouse)	RTECS GO7175000

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity** Not available.

**Persistence and degradability** Not available.

**Mobility** Not available.

**Section 13: DISPOSAL CONSIDERATIONS**

**Disposal method** Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill.

**Special precautions** Normally suitable for incineration by approved agent.

**Section 14: TRANSPORT INFORMATION**

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

<b>UN Number</b>	1719
<b>UN Proper Shipping Name</b>	CAUSTIC ALKALI LIQUID, N.O.S.
<b>Class and subsidiary risk</b>	8 – Corrosive
<b>Packing Group</b>	III
<b>Special precautions for user</b>	Not applicable
<b>Hazchem Code</b>	2R

**Section 15: REGULATORY INFORMATION**

Poisons Schedule (SUSDP): schedule 5 – CAUTION.

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

**Section 16: OTHER INFORMATION**

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