

**PWS REDUCER**

Classified as Hazardous in accordance to criteria of Worksafe Australia

**COMPANY DETAILS****KINGSTON PAINTS PTY.LTD.****A.B.N. 94 067 493 065**

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Email : [kingstonpaints@yahoo.com.au](mailto:kingstonpaints@yahoo.com.au)**IDENTIFICATION**

<b>Product Name</b>	PWS REDUCER
<b>Proper Shipping Name</b>	PAINT RELATED MATERIAL - THINNERS
<b>U.N. Number</b>	1263
<b>Dangerous Goods Class</b>	3
<b>HAZCHEM Code</b>	3[Y]
<b>Initial Emergency Response Guide</b>	15
<b>Packing Group</b>	III
<b>Poison Schedule Number</b>	S 5
<b>Product Use</b>	PWS Reducer. Is a blend of organic solvents is used for thinning recommended Kingston products prior to application.

**PHYSICAL DESCRIPTION AND OTHER PROPERTIES**

<b>Appearance</b>	Colourless liquid
<b>Initial Boiling Point</b>	155° Celsius {literature value}
<b>Vapour Pressure</b>	Greater than 1
{Butyl Acetate = 1}	
<b>Specific Gravity</b>	0.9
<b>Flash Point</b>	44 ° Celsius {closed cup - literature value}
<b>Flammability Limits</b>	Lel = 1.0 %      Uel = 7.0 %
<b>Solubility in Water</b>	Immiscible
<b>Auto Ignition Temperature</b>	250 ° Celsius {literature value}

**INGREDIENTS**

<b>Chemical/Substance Name</b>	<b>CAS Number</b>	<b>Proportion % w/w</b>
Liquid Aromatic Hydrocarbons {High Flash Point}	Not Known	60 - 100 %

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**HEALTH HAZARD INFORMATION****HEALTH EFFECTS - ACUTE**

<b>Swallowed</b>	Can cause irritation to the mouth, throat and stomach. Harmful if swallowed.
<b>Eyes</b>	Can cause irritation to the eyes.
<b>Skin</b>	Can cause irritation to the skin. Harmful in contact with the skin.
<b>Inhalation</b>	Can cause irritation to nose, throat and respiratory tract. Harmful by inhalation.

**HEALTH EFFECTS - CHRONIC**

<b>Inhalation and Skin</b>	Repeated or prolonged inhalation may lead to headaches, muscular weakness, drowsiness, vomiting, nausea and dizziness. Repeated or prolonged exposure may cause defatting of the skin and can result in dermatitis.
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**FIRST AID**

<b>Swallowed</b>	If swallowed, and only if the person is conscious, give water to drink. <b>DO NOT</b> induce vomiting. Seek <b>URGENT</b> medical attention if frothing the mouth occurs.
<b>Eyes</b>	If splashed into eyes, irrigate copiously with water for at least 15 minutes. Seek immediate medical attention if irritation persists.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if any irritation occurs.
<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>First Aid Facilities</b>	Clean water supply, barrier cream, soap and eye wash stations.
<b>Advice to Doctor</b>	If poisoning occurs, consult the Poisons Information Centre {Australia <b>13 11 26</b> } and have a copy of this Material Safety Data Sheet or label available. Treat the patient symptomatically.
<b>Other Information</b>	Immerse all contaminated clothing in water for 24 hours and do not <u>re-use</u> until it has been laundered.

**PRECAUTIONS FOR USE****ENGINEERING REQUIREMENTS**

<b>Exposure Standards</b>	Liquid Aromatic Hydrocarbons = Not Known
<b>Engineering Controls</b>	When using KINGSTON PWS REDUCER, ensure there is adequate ventilation during the application period.

**PERSONAL PROTECTION**

<b>Clothing</b> {AS 2919}	The wearing of antistatic clothing made on natural or high temperature synthetic fibre is recommended during the application period.
<b>Gloves</b> {AS 2161}	The wearing of Viton, PVC or Neoprene gloves is recommended during the application period.
<b>Eyes</b> {AS - NZS 1337}	The wearing of safety glasses fitted with side shields or chemical splash goggles is recommended during the application period. Do not wear contact lenses.
<b>Respiratory Equipment</b> {AS - NZS 1715/1716}	The wearing of of an <b>Organic Vapour Respirator</b> {Type A Class 2} is recommended during the application period.
<b>Footwear</b> {AS - NZS 2210}	The wearing of enclosed safety boots or safety shoes is recommended during the application period.
<b>Hearing</b> {AS - NZS 1270}	Not required.

**PROTECTIVE EQUIPMENT**

Avoid breathing vapours. Avoid contact with eyes and skin. It is advisable to wear the recommended personal protective clothing as described in this Material Safety Data Sheet.

**FLAMMABILITY**

Flammable liquid. Avoid heat, sparks, ignition sources and naked flames.  
**NO SMOKING** during the application period.

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**SAFE HANDLING INFORMATION****STORAGE AND TRANSPORT**

<b>Storage Requirements</b>	Containers should be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area away from all heat, ignition sources and direct sunlight. e.g. Flammable Goods Store or Cabinet.
<b>Storage Regulations</b>	Store in accordance with the Australian Standard {AS 1940} - The Storage and Handling of Flammable and Combustible Liquids.
<b>Transport Requirements</b>	Classified by the current edition " Australian Code for the Transport of Dangerous Goods by Road and Rail " {ADG} – PAINT RELATED MATERIAL - THINNERS, UN1263, Class 3, HAZCHEM 3[Y], Packing Group III, Initial Emergency Response Guide 15. Dangerous goods of Class 3 {Flammable Liquid} are incompatible in a placard load with any of the following- Class 1 Class 2.1, if both Class 3 and Class 2.1, dangerous goods in bulk Class 2.3 Class 4.2 Class 5.1 and Class 5.2 Class 6, if the Class 3, dangerous goods is nitromethane Class 7

**SPILLS AND DISPOSAL**

<b>Spills</b>	Contain all spills. Prevent contamination of waterways and sewage. Remove all sources of heat and ignition. <b>DO NOT</b> smoke during the clean-up procedure. Use sand, earth or earth non-reactive absorbent material {not sawdust} to absorb all spillages. Wash remaining residues with detergent and excess water.
<b>Disposal</b>	Collect all unwanted paint and residues in labelled and sealed containers to solvent recovery unit.

**FIRE/EXPLOSION HAZARD****List of Dangerous Decomposition or Combustion Products**

<b>Fire Fighting Procedures</b>	May produce toxic gases including carbon monoxide if burning occurs in a confined space. On heating, containers can rupture and explode. Evacuate all non fire-fighter personnel. Turn of all electricity and power supplies. Keep containers cool water spray or water fog to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so.
<b>Extinguishing Media</b>	Carbon Dioxide {CO <sub>2</sub> }, alcohol resistant foam, dry chemical, water spray and water fog. It is essential that fire-fighters should wear contain self-contained breathing apparatus when fighting the fire.
<b>Reactivity</b>	No known hazardous reactions or polymerization will occur.
<b>HAZCHEM CODE</b>	3[Y].
<b>Other Precautions</b>	Immerse all unwanted rags and cloths in water prior to disposal. Do not incinerate empty containers.

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**OTHER INFORMATION****WORKSAFE CLASSIFICATION**

<b>Hazard Category</b>	The hazardous rating of KINGSTON PWS REDUCER is harmful and irritating substance as defined by the current WORKSAFE-NOHSC documents.
<b>Risk Phrases</b>	Flammable {R10}. Harmful by inhalation, in contact with the skin and if swallowed {R20/21/22}. Irritating to eyes, respiratory system and respiratory system {R36/37/38}. Harmful. May cause lung damage if swallowed {R65}.
<b>Safety Phrases</b>	Keep away from heat and sources of ignition - NO SMOKING {S15/16}. Do not breathe the vapour {S23}. Avoid contact with skin and eyes {S24/25}. Wear recommended respiratory apparatus, protective clothing, gloves and eye/face protection {S36/37/39}.
<b>ENVIRONMENT</b>	May be hazardous to the environment. Avoid contaminating waterways and sewage. Do not empty into drains {S29}.
<b>TOXICITY - Acute Lethal Effects</b>	
<b>Substance</b>	Liquid Aromatic Hydrocarbons
<b>Oral LD<sub>50</sub> {rat}</b>	■ 2000 milligrams/kilogram of body weight
<b>Dermal LD<sub>50</sub> {rabbit}</b>	■ 2000 milligrams/kilogram of body weight
<b>Inhalation LC<sub>50</sub> {rat}</b>	■ 5 milligrams/Litre/4 hours of body weight
<b>CONTACT</b>	For further information, please contact POISONS INFORMATION CENTRE <b>Telephone :</b> {Australia} 13 11 26

**DISCLAIMER**

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