

Material Safety Data Sheet

CTL

Coating Technologies Ltd

91-RUSK

September 2005

16 Aetna Place, HENDERSON
P O Box 20-221, GLEN EDEN
Tel. 64-9-837-0897
Fax. 64-9-837-3736
AUCKLAND, NEW ZEALAND

Paints

<p>PRODUCT IDENTIFICATION</p>	<p><u>Product Name:</u> Rust Kill (code 91-RUSK)</p> <p><u>Chemical Name:</u> Phosphoric Acid, 20% w/w solution</p> <p><u>U.N. No:</u> 1805 <u>Hazchem Code:</u> 2R</p> <p><u>Physical Form:</u> Liquid.</p>
<p>HAZARDS</p>	<p><u>Dangerous Goods Class:</u> 8 <u>Packaging Code:</u> III</p> <p>Moderately irritating to eyes, skin and mucous membranes. As with any industrial chemical, ingestion, inhalation of vapour or mist, prolonged or repeated skin contact should be avoided by good standards of industrial hygiene.</p>
<p>STORAGE & HANDLING</p>	<p>Store indoors in a dry, bunded, well ventilated area. Keep containers sealed when not in use. Protect from physical damage. Store away from heat, alkalis, foodstuffs and empty foodstuff receptacles, and strong oxidising agents.</p> <p><u>Ventilation:</u> A local mechanical exhaust system is required where vapour or mist is being generated.</p> <p><u>Personal Protection:</u> Use good industrial hygiene. Avoid all contact, wear full protective clothing, rubber boots, impervious gloves and chemical goggles or full face shield. Use with adequate ventilation. If inhalation risk exists wear respirator or air-wash hood.</p>
<p>FIRE</p>	<p><u>Flash Point:</u> Non-Flammable</p> <p><u>Lower Explosion Limit:</u> Not Applicable</p> <p><u>Upper Explosion Limit:</u> Not Applicable</p> <p><u>Extinguishing Media:</u> Water Fog</p> <p><u>Special Fire fighting Procedures:</u> Non-combustible. If product involved in fire, then fire-fighters must be warned of corrosive nature of material. Wear chemical splash suit including boots. Keep containers cool to minimise further damage. Keep spillage away from metal containers and fittings.</p> <p><u>Unusual Fire and Explosion Hazards:</u> Contact with common metals may generate hydrogen, an extremely flammable gas</p>

Material Safety

Data Sheet

91-RUSK

Sep 05

Page 2

<p>FIRST AID PROCEDURES</p>	<p><u>Inhaled:</u> Remove from exposure – avoid becoming a casualty. For all but the most minor symptoms, arrange for patient to be seen by a doctor as soon as possible, either on site or at nearest hospital.</p> <p><u>Eyes:</u> Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids should be held open. Seek immediate medical attention.</p> <p><u>Skin:</u> Remove all contaminated clothing and wash affected areas with plenty of soap and water. If swelling, redness, blistering or irritation occurs, seek medical attention.</p> <p><u>Swallowed:</u> Give water or milk to drink. Do not induce vomiting. Thoroughly rinse mouth with water. Seek immediate medical attention.</p>																				
<p>SPILLS & LEAKS PROCEDURES</p>	<p>Wear protective PVC gloves, chemical goggles and PVC boots. Contain and collect spillage with absorbent materials (e.g. sand, earth, vermiculite). Clean and flush areas in contact with spilled material with adequate water to render the area safe for human contact. Transfer to sealed containers suitable for storing spilled material. DO NOT allow to drain or watercourse. Dispose of in chemical waste disposal area in accordance with relevant local authorities.</p>																				
<p>PHYSICAL & CHEMICAL DATA</p>	<p><u>Appearance:</u> Clear Water White Liquid. <u>Specific Gravity:</u> 1.10 – 1.15 @ 20°C</p> <table border="1"> <thead> <tr> <th><u>INGREDIENTS:</u></th> <th><u>CAS NUMBER:</u></th> <th><u>APPROX. PROPORTION:</u></th> <th><u>TLV:</u></th> </tr> </thead> <tbody> <tr> <td>Phosphoric Acid</td> <td>7664-38-2</td> <td>20% w/w</td> <td>1 mg/m³</td> </tr> <tr> <td>Ethyl Glycol Monobutyl Ether</td> <td>111-76-2</td> <td>8% w/w</td> <td>120 mg/m³</td> </tr> <tr> <td>Surfactants</td> <td>-</td> <td><10%</td> <td>-</td> </tr> <tr> <td>Water</td> <td>-</td> <td>to 100%</td> <td>-</td> </tr> </tbody> </table>	<u>INGREDIENTS:</u>	<u>CAS NUMBER:</u>	<u>APPROX. PROPORTION:</u>	<u>TLV:</u>	Phosphoric Acid	7664-38-2	20% w/w	1 mg/m ³	Ethyl Glycol Monobutyl Ether	111-76-2	8% w/w	120 mg/m ³	Surfactants	-	<10%	-	Water	-	to 100%	-
<u>INGREDIENTS:</u>	<u>CAS NUMBER:</u>	<u>APPROX. PROPORTION:</u>	<u>TLV:</u>																		
Phosphoric Acid	7664-38-2	20% w/w	1 mg/m ³																		
Ethyl Glycol Monobutyl Ether	111-76-2	8% w/w	120 mg/m ³																		
Surfactants	-	<10%	-																		
Water	-	to 100%	-																		
<p>DISPOSAL OF CONTAINERS</p>	<p>Refer to Local Waste Management Authority. Empty containers must be decontaminated. Use solutions of Soda Ash or Lime under controlled conditions. Normally neutralisation is required for land fill disposal. The particular circumstances should be discussed with the relevant Authority.</p>																				

The information contained herein is provided as a general guide only, to facilitate the adoption of the appropriate measures in relation to the handling, storage and disposal of the product. Although Coating Technologies Ltd has taken all reasonable care to ensure that the information is accurate, it accepts no responsibility for any loss or damage howsoever caused that results there from and does not warrant such accuracy whether or not the information originated with Coating Technologies Ltd and users of the product are requested to contact Coating Technologies Ltd technical division for detailed information regarding the qualities and characteristics of the product before it is used.