

SLIDEWAY 220

MATERIAL SAFETY DATA SHEET

MSDS No:	SLIDEWAY 220	QUICK SMART PRODUCTS
Product Name:	WL220	53 ASSEMBLY DRIVE
Manufacturers Code:	1 February 2009	TULLAMARINE VIC 3043
Date:		(03) 9338 6655 (BH)
		(03) 9336 7945 (AH)

STATEMENT OF HAZARDOUS NATURE:

NON HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION

U/N No	NA	Main Class	NA
Subsidiary Risk:	NA	HAZCHEM	NA
Poisons Schedule:	NA	CAS No	NA

PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	Clear bright liquid	Odour:	Slight Oily Odour
Density:	@15°C `902Kg/L	Kinematic Visc	@40°C 200-250 cSt
Tack	Positive	Flash Point	D92 224°C (COC)
Pour Point	D97 -18°C	Rusting	D665A PASS
Copper Corrosion	D130 1B	Solubility	Insoluble
Reactivity	Reacts with oxidising agents.		

PROPORTION (% weight per weight)

VHIGH > 60. HIGH 30 – 60 MED 10 – 29 LOW 1 – 9 VLOW < 1

USES

Lubricant for machine ways and other sliding surfaces, product is non-corrosive with good adhesion and metal wetting properties and has excellent extreme pressure (EP) properties.

APPLICATION

Sliding surfaces: Tableways, guide columns on grinders, lathes, stamping machines etc. Because of its EP Characteristics metal wetting ability and adhesiveness, the lubricant will not squeeze out of the “ways” or wipe off The “slides” whether the table is at rest or in motion. Thus it is excellent for centralised lubrication systems.

INGREDIENTS:

Chemical Entity	W%W	CAS No:	PROPORTION
Heavy Solvent-dewaxed paraffinic oil		84742-85-0	VHIGH >. 60%
Sulfurised fatty ester		Not known	LOW < 20%
Long chain paraffinic Hydrocarbons		Not Known	LOW < 20%

SAFE HANDLING INFORMATION

Storage & Transport:	Classified as a C2 Combustible Liquid for the purpose of storage and handling. Store in a well ventilated place away from ignition sources, oxidizing agents, foodstuffs and clothing. Keep containers closed when not in use.
Spills & Leaks:	Slippery when spilt. Avoid accidents. Clean up immediately. Wear protective equipment to prevent skin and eye contact and inhalation of vapours. Contain using sand or soil – prevent run off into sewers, drains and waterways, advise local authorities immediately if release into sewer and / or waterways is expected to have occurred. Collect by vacuum truck or absorbent material and seal in properly labelled drums for disposal. Wash area down with detergent and excess water.
Waste Disposal:	Refer to State Land Waste Management Authority.
Fire & Explosion Data:	Combustible liquid, will burn if involved in a fire, but not considered a significant fire risk. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion. Keep storage tanks, pipelines, fire exposed surfaces cool with water spray. Shut off any leak, if safe to do so and remove from ignition sources.

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Extinguishing Media: Other Information	Cooling by water jets, water spray, water fog. Extinguishing by foam, CO2 (carbone dioxide) or dry agent (dry chemical powder). Long term animal experiments have shown that any health risks are associated with the level of aromatic and polycyclic constituents in the product. These constituents are removed during the manufacturing process to a level at which no health risks are expected as a result of normal handling.
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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Swallowed: Eye: Skin: Inhaled:	May cause irritation of mouth, throat and digestive tract. Aspiration into lungs may cause chemical pneumonitis. A slight to moderate irritant. Mild irritation, prolonged and repeated contact may cause dermatitis by defatting effect. Prolonged repeated exposure may cause more serious effects. Vapours generated through elevated temperatures or mists can cause irritation to the nose and throat. Prolonged high exposure may cause more serious effects.
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TREATMENT

Swallowed: Eye: Skin: Inhaled:	Do NOT induce vomiting. Seek immediate medical assistance. Immediately irrigate eyes, with water eyelids held open with copious quantities of clean water for at least 20 minutes. If irritation persists seek medical advice. Wash contaminated skin with soap and clean water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice. Remove victim for exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. If NOT breathing apply artificial respiration and seek URGENT medical attention. Allow patient to assume most comfortable position and keep warm. Keep victim at rest until fully recovered. Seek medical advice, if any effects persist.
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PRECAUTIONS FOR USE:

Exposure Standards: Ventilation:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; border-right: 1px solid black; padding-right: 5px;">TWA:</td> <td style="padding-left: 5px;">Time Weighted Average airborne concentrations over an eight hour working day, for five day working week over an entire working life. (Oil Mist) 5mg/m³</td> </tr> <tr> <td style="border-right: 1px solid black; padding-right: 5px;">STEL:</td> <td style="padding-left: 5px;">Short Term Exposure Limit average airborne concentration over a 15 minute period, which should not be exceeded at any time during a normal 8 hour day. (Oil Mist) 10mg/m³</td> </tr> </table> <p>Special ventilation is NOT normally required due to low volatility of the product at normal temperatures. In the operation of certain equipment or at higher temperatures, mist or vapour may be generated and exhaust ventilation should be used to maintain airborne concentration levels below the exposure standard. Where no exposure standard is stated, keep as low as practicable.</p>	TWA:	Time Weighted Average airborne concentrations over an eight hour working day, for five day working week over an entire working life. (Oil Mist) 5mg/m ³	STEL:	Short Term Exposure Limit average airborne concentration over a 15 minute period, which should not be exceeded at any time during a normal 8 hour day. (Oil Mist) 10mg/m ³
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Personal Protection:	Overalls, Safety Shoes, Goggles, Gloves, Respirator Avoid skin and eye contact and inhalation of vapour and mist. If exposure is likely, personal protective equipment as appropriate and to the degree of exposure should be used. Wear PVC apron with sleeves or PVC coveralls. Chemical goggles and impervious gloves, PVC or rubber boots. Where the concentration of vapour or mist is expected to reach exposure limits use the following equipment. Short elevated exposures, spillage – goggles and correct respiratory protection should be worn. If exposure limits exceed 10 times concentration limits, air supplied apparatus should be used. Prolonged elevated exposures, full face air supplied or self contained breathing apparatus to be used.
Contamination:	Change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene. Eye wash fountain and safety showers should be available for emergency use.

CONTACT POINT

Contact:	WALLY DAY 03 9338 6655
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