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MATERIAL SAFETY DATA SHEET PM740

PRODUCT NAME: PM740 Food Machinery Grease
REVISION DATE: April 2010

Hazardous Statement:

NOT classified as Hazardous according to Worksafe Australia criteria.

Manufacturer: The Leak Doctor Australia t/as Doust Plumbing Products
Contact Details: Ph: 08 9249 7039 Fx: 08 9249 5788

Manufacturer Code: DG01 UN Code: None allocated
Poisons Schedule: Not Scheduled Hazchem Code: N/A
AQIS Approval Number: IOA 6117 (Incidental Food Contact)

PHYSICAL PROPERTIES / DESCRIPTION:

Appearance : Smooth, white grease
Boiling point : Melting Point > 190C
Specific gravity : Approximately 0.90
Flash point : None
Solubility in water : <0.1g/l

HAZARDOUS INGREDIENTS:

No hazardous ingredients

CHEMICAL INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>CAS NUMBER</u>	<u>PROPORTION</u>
Technical White Oil	804-247-5	>60%
Aluminium Complex Soap	Listed on US TSCA and US FDA approved for Incidental Food Contact	<10%
Zinc Oxide	1314-3-2	<10%
Proprietary EP/Antioxidant additives	Listed on US TSCA and US FDA approved for Incidental Food Contact	<10%

HEALTH EFFECTS

ACUTE:

Swallowed:	No effect expected if small amount is swallowed. If swallowed and the person is conscious give water or milk.
Eye:	May cause minor eye irritation.
Skin:	Prolonged or frequent contact may cause skin irritation or cracking.
Inhaled:	Vapour or mist at concentrations exceeding ACGIH TLV may be irritating to the respiratory tract.
CHRONIC:	None expected apart from potential for skin and eye irritation upon prolonged or repeated contact.

FIRST AID

Swallowed:	Consult a doctor if a large amount is swallowed.
Eye:	Rinse eyes immediately with water for at least 15 minutes. In case of irritation seek medical advice.
Skin:	Wash affected areas with soap and water, do not use solvents.
Inhaled:	Unlikely with this product. If respiratory irritation occurs move the person to fresh air. If irritation continues call a doctor.
First Aid Facilities:	No special facilities required.

ADVICE TO DOCTOR

Refer to First Aid above. Non-toxic. Not listed as carcinogenic or potentially carcinogenic. High velocity injection under the skin may result in serious injury. When dispensed by high pressure equipment this material can easily penetrate the skin and leave a bloodless puncture wound. Within 24-48 hours, the patient may experience swelling, discolouration, and a throbbing pain in the affected area. Immediate treatment by a surgical specialist is recommended.

EXPOSURE STANDARDS:

The ACGIH TLV for mineral oil mists is 5mg/M3 for a daily 8 hour exposure.

ENGINEERING CONTROLS:

None required.

PERSONAL PROTECTION

Respirator Type:	None required
Gloves:	Use of protective gloves is a good industrial practice (neoprene or nitrile type).Gloves should prevent contact between skin and product.
Eye Protection:	As a precaution use chemical safety goggles. If handled hot, a full face shield should be worn.
Clothing:	Clothing should be suitable to avoid product contacting the skin on a prolonged or repeated basis.
Other:	None.

FLAMMABILITY

Fire Hazards:	Product may support combustion
Ventilation	No special ventilation is usually required if operating conditions create high airborne concentration then ventilation may be needed.
Earthing	Not required.
Sources of Ignition Advice	Not applicable
Special Equipment	None

STORAGE AND TRANSPORT

Store in steel or HDPE plastic drums. As a precaution keep away from strong oxidising agents (class 5.1) and sources of heat or ignition. Keep container tightly closed when not in use.

SPILLS AND DISPOSAL

Minimising Spills/Leaks

Clean Up Spills/Leaks Use absorbents such as cat litter, clays and rags to clean up spills.
NOTE: May be slippery.

Precautions for Cleanup Crew None apart from precautions noted above

Special Equipment Req'd None

Disposal Containers Use approved disposal containers-steel drums preferred.

Disposal Method Treat as oil, liquid waste

State/Territory Authority Dispose according to local regulations

Incineration/Landfill Considerations Treat as grease waste

FIRE/EXPLOSION HAZARD

Unusual fire/explosion hazards None expected. Auto ignition temperature is in excess of 250oC.

List of Dangerous Decomposition

Products Incomplete combustion and high temperature thermal decomposition may promote oxides of zinc, carbon dioxide and carbon monoxide and oxides of phosphorus.

Types of Extinguisher/Agents Treat as a Class B fire

Precautions None

TOXICOLOGICAL INFORMATION

Low order of toxicity

ENVIROMENTAL INFORMATION

Biodegradability No data available. This oil would be expected to be slow to biodegrade due to white oil content.

Persistence in Soil/Water Slow biodegradability. Product is not soluble in water.
Density is less than water.

CONTACT POINT:

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***** End of MSDS *****