

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION:

#### PRODUCT IDENTIFIER

<b>PRODUCT NAME</b>	Moly LMM Grease
<b>PRODUCT CODE(S)</b>	K17105
<b>PROPER SHIPPING NAME:</b>	Grease
<b>OTHER MEANS OF IDENTIFICATION:</b>	Lubrication

#### DETAILS OF SUPPLIER

<b>COMPANY NAME</b>	Kincrome Australia Pty. Ltd (ABN: 41 007 185 006)
<b>COMPANY ADDRESS</b>	3 Lakeview Drive Caribbean Business Park Scoresby Victoria 3179 AUSTRALIA

#### EMERGENCY CONTACT NO.

<b>CONTACT NO.:</b>	<b>Australia:</b> 1300 657 528 <b>New Zealand:</b> 0011 64 2 7342 5754 <b>Poisons information Centre:</b> <b>Australia:</b> 131 126 <b>New Zealand:</b> 0800 764 766
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### SECTION 2 - HAZARDS IDENTIFICATION:

#### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

<b>HAZARD PICTOGRAM(S)</b>	None allocated
<b>SIGNAL WORD</b>	None allocated

#### HAZARD STATEMENT(S)

<b>N/A</b>	Not None allocated
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#### PRECAUTIONARY STATEMENT(S) PREVENTION

<b>N/A</b>	None allocated
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#### PRECAUTIONARY STATEMENT(S) RESPONSE

<b>RESPONSE:</b>	None Allocated
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<b>STORAGE:</b>	None Allocated
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#### PRECAUTIONARY STATEMENT(S) DISPOSAL

<b>N/A</b>	None allocated
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<b>OTHER</b>	This substance is a NON-HAZARDOUS substance in accordance to approved criteria for classifying hardous substances [NOHSC: 1008 (2004)] 3rd Edition This product is NOT specified as dangerous in the ADG code.
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## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

### SUBSTANCES

See section below for composition of Mixtures

### MIXTURES

CAS NO.	%[WEIGHT]	NAME
68649-42-3	1.5%	Zinc Dialkyldithiophosphate
N/A	Remainder	Non-hazardous mixture
1317-33-5	<5	Molybdenum Disulphide
64742-54-7	N/A	Distillates (petroleum), hydrtreated, heavy paraffinic
64742-52-5	N/A	Distillates (petroleum), hydrtreated, heavy naphthenic

## SECTION 4 - FIRST AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

<b>EYE CONTACT</b>	<p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none"><li>• Immediately hold eyelids apart and flush the eye continuously with running water.</li><li>• Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li><li>• Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.</li><li>• Transport to hospital or doctor without delay.</li><li>• Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li></ul>
<b>SKIN CONTACT</b>	<p>If skin contact occurs:</p> <ul style="list-style-type: none"><li>• Immediately remove all contaminated clothing, including footwear.</li><li>• Flush skin and hair with running water (and soap if available).</li><li>• Seek medical attention in event of irritation.</li></ul>
<b>INHALATION</b>	<ul style="list-style-type: none"><li>• Remove the source of contamination, vapor, dust, spray or fumes or move the victim to fresh air. Obtain medical attention if symptoms occur</li></ul>
<b>INGESTION</b>	<ul style="list-style-type: none"><li>• If swallowed do NOT induce vomiting.</li><li>• If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li><li>• Observe the patient carefully.</li><li>• Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li><li>• Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li><li>• Seek medical advice.</li><li>• Avoid giving milk or oils.</li><li>• Avoid giving alcohol.</li><li>• If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.</li></ul>

## SECTION 5 - FIRE FIGHTING MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

<b>SUITABLE EXTINGUISHING MEDIA:</b>	Use water spray, dry chemical, foam, or carbon dioxide. Water or foam may cause frothing.
<b>HAZARDS FROM COMBUSTION PRODUCTS:</b>	Depending on combustion conditions, a complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, sulphur oxides, phosphorus oxides and metal oxides will be evolved when this material undergoes combustion.
<b>SPECIAL PROTECTIVE EQUIPMENT:</b>	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) in case of fire.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

<b>NON-EMERGENCY PERSONNEL:</b>	Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Remove of ignition sources and provision of sufficient ventilation.
<b>EMERGENCY PROCEDURES:</b>	Personnel involved in clean up required to wear appropriate personal protective equipment and clothing to minimize exposure.
<b>ENVIRONMENTAL PRECAUTION:</b>	Isolate the spillage and prevent the material to enter drains, sewers, waterways and soil Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
<b>METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP:</b>	Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions.

## SECTION 7 - HANDLING AND STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING:</b>	Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. Prevent small spills and leakage to avoid slip hazards. Properly dispose of any contaminated rags or cleaning materials in order to prevent fire hazards. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.
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<b>CONDITIONS FOR SAFE STORAGE:</b>	Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, food-stuffs, and clothing and out of direct sunlight.
<b>CONTAINER MATERIALS:</b>	Store in original packaging as supplied by manufacturer.
<b>COMBUSTIBILITY:</b>	Data not available

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

<b>EXPOSURE LIMITS:</b>	2-butoxyethanol TWA: WEL 123mg/m <sup>3</sup> , 25ppm; STEL: WEL 246mg/m <sup>3</sup> , 50ppm
<b>BIOLOGICAL LIMIT VALUES:</b>	No biological limit has been allocated.
<b>ENGINEERING CONTROLS:</b>	Should only be used in a well ventilated area, use mechanical handling to reduce contact with materials. To keep employee exposures as low as possible a local ventilation system is recommended as it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>	
<b>EYE/ FACE PROTECTION:</b>	Use safety glasses with side protection shields.
<b>SKIN PROTECTION:</b>	Wear neoprene gloves if prolonged or repeated contact is likely. Other protective clothing should be worn as appropriate to the job conditions including long-sleeved overalls and safety footwear.
<b>RESPIRATORY PROTECTION:</b>	Wear a P1 or P2 particulate respirator when handling this product.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

#### APPEARANCE

<b>APPEARANCE</b>	Red color tacky grease
<b>ODOUR</b>	Almost odourless
<b>ODOUR THRESHOLD</b>	Not available
<b>SPECIFIC GRAVITY</b>	0.869 typical
<b>VISCOSITY</b>	Not available
<b>BOILING POINT</b>	Not available
<b>MELTING POINT</b>	>200 °C
<b>DROPPING POINT</b>	Not available
<b>FLASH POINT</b>	>200 °C
<b>PH VALUE</b>	Not available
<b>DENSITY</b>	0.82-0.85 mg/L relative
<b>FLAMMABILITY</b>	Non flammable semi solid
<b>AUTO IGNITION TEMPERATURE</b>	Not available
<b>FLAMMABLE LIMITS</b>	Not available
<b>VAPOUR PRESSURE</b>	Not available
<b>VAPOUR DENSITY</b>	Not available
<b>DECOMPOSITION TEMPERATURE</b>	Not available

<b>SOLUBILITY IN WATER</b>	Not soluble
<b>PARTITION COEFFICIENT</b>	Not available
<b>BIODEGRADABILITY</b>	Not classified as biodegradable

Note: Physical and chemical properties are typical and are provided for safety, health and environmental considerations only which may not fully represent product specifications. Contact the Supplier for additional information.

## SECTION 10: STABILITY AND REACTIVITY

<b>REACTIVITY:</b>	No dangerous reaction known under conditions of normal use
<b>CHEMICAL STABILITY:</b>	Stable under normal conditions of storage and handling.
<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b>	None under normal processing
<b>CONDITIONS TO AVOID:</b>	Heat, strong oxidizers, open flames or other sources of ignition.
<b>INCOMPATIBLE MATERIALS:</b>	Strong oxidising materials.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Under normal conditions of storage and use, hazardous decomposition should not be produced. Thermal decomposition or combustion products will generate smoke, carbon dioxide and carbon monoxide.

## SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON THE LIKELY ROUTES OF EXPOSURES	
<b>SKIN EXPOSURE:</b>	Accidental eye contact may be slightly irritating to the eyes.
<b>EYE EXPOSURE:</b>	Repeated contact can defat the skin and lead to irritation/dermatitis.
<b>INHALATION:</b>	Unlikely to be a hazard under normal conditions of use.
<b>INGESTION:</b>	Accidentally swallowed amounts may cause discomfort.
DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE	
<b>ACUTE TOXICITY:</b>	Oral: 3900mg/kg Dermal: Expected to be of low toxicity Inhalation: Low toxicity
<b>SKIN CORROSION/IRRITATION :</b>	Prolonged contact may cause dryness of the skin.
<b>SERIOUS EYE DAMAGE/ EYE IRRITATION :</b>	No specific symptoms known
<b>RESPIRATORY/SKIN SENSITIZATION :</b>	No data available concerning respiratory sensitization
<b>CARCINOGENICITY:</b>	No components known to be carcinogenic.
<b>GERM CELL MUTAGENICITY :</b>	The majority of studies showed no evidence of mutagenic activity.
<b>REPRODUCTIVE TOXICITY :</b>	No evidence of developmental or reproductive toxicity.
<b>SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE :</b>	Acute studies do not indicate any specific organ toxicity following single exposure.

### SPECIFIC TARGET ORGAN TOXICITY REPEATED EXPOSURE :

The repeat dose toxicity has been investigated by dermal and inhalation routes between 4 weeks and up to 2 years. No systemic effects showed.

Note: Information given is based on data on the toxicology of base oil. Toxicological information on product is not available.

## SECTION 12: ECOLOGICAL INFORMATION

### DISPOSAL METHOD:

#### TOXICITY :

No ecological information available for this product.

#### PERSISTENCE AND DEGRADABILITY :

Slightly biodegradable.

#### BIOACCUMULATION POTENTIAL

Product is not expected to bio accumulate.

#### MOBILITY IN SOIL :

Non-volatile. This product is poorly absorbed into soils or sediments.

## SECTION 13: DISPOSAL CONSIDERATIONS

### DISPOSAL METHOD:

#### PRODUCT:

The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as hazardous waste at an appropriate collection depot. If this is not possible, the product is suitable for burning in an enclosed burner where it can be used as a fuel source. The product is also suitable for incineration at very high temperatures to prevent formation of undesirable combustion products. Spilled product that cannot be recovered should be absorbed and then shovelled into a suitable drum. Follow Government regulations for disposal of such waste. Do not mix new or used lubricating oils taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations.

#### CONTAINERS:

Empty containers may contain residual oil. They should be completely drained and then stored until reconditioned or disposed of. Empty drums should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations. Where the containers are of metal construction they should not be pressurized, cut by a grinder, welded, brazed, soldered, drilled or exposed to heat, flames or other sources of ignition. Closed metal containers when exposed to such conditions/treatment may explode causing serious injury or death.

### UNCLEANED PACKAGING RECOMMENDATION

Disposal must be made according to official regulations.

## SECTION 14: TRANSPORT INFORMATION

**NOT CLASSIFIED AS DANGEROUS GOODS BY ROAD, RAIL AND SEA.**

### DISPOSAL METHOD:

#### IATA:

Not Regulated

#### IMDG:

Not Regulated

#### U.N NUMBER

Not Available

#### U.N PROPER SHIPPING NAME

Not Available

#### CLASS

Not Available

#### SUBSIDIARY RISK

Not Available

#### PACKING GROUP

Not Available

**MARINE POLLUTANT**

No

**HAZCHEM CODE**

Not Available

## SECTION 15: REGULATORY INFORMATION

**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:**

Standard for the Uniform Scheduling of Medicines and Poisons: Not scheduled Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008 (2004)] 3rd Edition Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment; [NOHSC: 1003 (1995)]

## SECTION 16: OTHER INFORMATION

**USED OILS:**

As supplied, this product does not show any carcinogenic effects. However, during use the oil can acquire impurities, which present risks to health that did not exist in the unused oil. Since the nature and level of impurities varies according to conditions of use, it is most sensible to assume that all used oil may cause skin cancer, and to minimize contact with all used oils as far as is possible. Used oil should not be allowed to contaminate soil or water.

**CHEMICAL EMERGENCIES: 1 800 033 111**

N/D = Not determined, N/A = Not applicable

**LITERATURE REFERENCES:**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (December 2011 Safe Work Australia)

GHS Hazardous Chemical Information List (September 2014 Safe Work Australia) Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. April 2012. Safe Work Australia.

Global Harmonized System of Classification and Labeling of Chemicals (GHS). Fifth revised edition.

Australian Exposure Standards Australian Code For The Transport Of Dangerous Goods By Road And Rail 7th Edition.

Standard for the Uniform Scheduling of Medicines and Poisons 2015.

HSIS Hazardous Substance Information System National Worksafe Data Base. LABELING OF WORKPLACE HAZARDOUS CHEMICALS, Code of Practice, DEC 2011 IMPLEMENTATION OF THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF CHEMICALS (GHS) APRIL 2012

**ABBREVIATIONS AND ACRONYMS**

**ADG CODE:** Australian Code for the Transport of Dangerous Goods by Road and Rail.

**AICS:** Australian Inventory of Chemical Substances.

**CAS Number:** Chemical Abstracts Service Registry Number.

**GHS:** Globally Harmonized System of Classification and Labeling of Chemicals

**HAZCHEM:** An emergency action code of numbers and letters which gives information to emergency services.

**HSIS:** Hazardous Substances Information System

**IATA:** International Air Transport Association

**IMDG:** International Maritime Dangerous Goods

**NTP:** National Toxicology Program (USA).

**SDS:** Safety Data Sheet

**SWA:** SafeWork Australia

**TWA:** Time Weighted Average.

**UN NUMBER:** United Nations Number.

**DISCLAIMER:** It is believed that the information given in this bulletin is accurate at the issue date. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

Kincrome a policy of ongoing research and development aimed at product improvement and therefore may change the formulation, specification and characteristics of its products without notice.

It is the user's responsibility to verify the current formulation, specification or characteristics of a product, and to ascertain that it is suitable for an intended use or application.

**REASON(S) FOR ISSUE:** Revised

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

**CHEMICAL EMERGENCIES: 1 800 033 111**

**PLEASE NOTE** that although every care has been taken in compiling the above information, it is solely reliant upon data available to us at the date hereof. We believe the data to be correct, however for the reason just stated we are not in a position to warrant its accuracy. With that in mind and given that the full range of possibilities and conditions under which the information may be applied simply cannot be anticipated, **YOU ARE CAUTIONED** to make your own determinations as to the veracity and the suitability of the information to the particular circumstances that apply, or may apply, to you from time to time.

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