



# SAFETY DATA SHEET

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## P-603 1 GREASE

Revised edition no : 00

Effective Date: 25.10.2023

### 1 Identification of the Product and the company

Chemical Name : 1 Grease  
Type of product chemical family : Petroleum Grease  
Use : lubrication  
Distributor : TLC-KOYA Chemicals Manufacturing Sdn Bhd  
No.22 & 23, Jalan Maju 1,  
Cemerlang Industrial Estate,  
81800 Ulu Tiram, Johor, Malaysia.  
Tel: 607-8675798 Fax: 607-8675799  
Website: www.koyachemicals.com Email: admin@koyachemicals.com

Emergency phone no : See distributor

### 2 Hazard Identification

Pictogram  
Signal Word Warning  
Serious eye damage or eye irritation Category 2  
Acute Toxicity (Oral) Category 4  
Skin Irritation Category 2



#### Hazard statement

H302 Harmful if swallowed

H315 Causes skin irritation

H319 Causes serious eye irritation

#### Precautionary Statement

P264 Wash thoroughly after handling.

P270 do not eat, drink, or smoke when using this products

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor / physician if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment reference to supplemental first aid instruction.

P330 Rinse mouth

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulation

### 3 Composition / Information on Ingredients

Ingredient Name	Mineral Oil & Lithium Soap Lithium Based Grease
Apperance	Amber
NLGI Grade	1

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### 4 First Aid Measures

General advice	If symptoms persist, call a physician.
After inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.
After skin contact	Wash off with soap and plenty of water. If symptoms persist, call a physician.
After eye contact	Flush eyes with water as a precaution. Consult a physician.
After swallowing	Rinse mouth with water. Consult a physician.
Most important symptoms and effects, both acute and delayed.	No further relevant information available.
Indication of any immediate medical attention and special treatment needed.	No further relevant information available.

### 5 Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing agents	Carbon dioxide, extinguishing powder, water spray or foam.
Unsuitable extinguishing media	No further relevant information available.
Special hazards arising from the substance or mixture.	No further relevant information available.

#### Advice for firefighters

Firefighting instructions	Exercise caution when fighting any chemical fire.
Protective equipment	Wear self-contained breathing apparatus for fire fighting if necessary.

### 6 Accidental Release measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment as required.
Environment precautions	Do not allow to enter sewers / surface water. Should not be released into the environment.
Methods and material for containment and clean up	Contain spillage, and then place in container for disposal according to local regulations.
Reference to other sections	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

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### 7 Handling and Storage

#### **Handling**

##### Precautions for safe handling

Avoid ingestion and inhalation. Avoid contact with eyes and skin. Wash hands before breaks and immediately after handling the product.

##### Information about protection against fires and explosion

Normal measures for preventive fire protection.

#### **Conditions for safe storage, including any incompatibilities**

##### Requirements to be met by storerooms and receptacles

No special requirements.

##### Information about storage in one common storage facility

Store in a dry, cool and well-ventilated place.

##### Further information about storage conditions

Keep container tightly closed.

##### Specific end use(s)

Apart from the uses mentioned in Section 1. no other specific uses are stipulated.

### 8 Exposure controls / personal protection

#### **Exposure controls**

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure. Appropriate engineering controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

#### **Personal protective equipment**

##### General protective and hygienic measures.

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

##### Breathing protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly.

##### hand protection

Handle with gloves.

##### Eye protection

use equipment for eye protection tested and approved under appropriate government standards.

##### Skin and body protection

protective clothing.

##### Environment exposure controls

Control measures must be made in accordance with community environment protection legislation.

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### 9 Physical and chemical properties

#### Appearance

Form	Semi -solid
Colour	Amber
Dropping Point	> 155 °C
Applied Temperature	-20 to 160 °C
Combustion Upper Limit (V/V)	> 280 °C
Solubility in / Miscibility with water	Insoluble in water

### 10 Stability and reactivity

Reactivity	Stable under normal conditions.
Chemicals stability	Stable at normal temperatures and storage conditions.
Possibility of hazardous reactions	None under normal processing.
Incompatible materials	strong oxidizing agents.

### 11 Toxicological information

Contact Limitation	No correlative data
<input type="checkbox"/> Acute Oral Toxicity	Innocuous (LD50: >15g/kg (rat).
<input type="checkbox"/> Acute Inhalation	Toxicity Nearly no irritation (LD50>5.0mg/l(rat). The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components.
<input type="checkbox"/> Eye Irritation	Nearly no irritation (main irritation index: 0.5~3). The eye irritation is based on evaluation of data for similar materials or product components.
Primary irritant effect	
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 1B
Specific target organ toxicity - single exposure	Category 3

### 12 Ecological information

<input type="checkbox"/> Ecological Toxicity	Expected to be innocuous to aquatic organisms.
<input type="checkbox"/> Biodegradable Property	Not easily to be decomposed by biology.
<input type="checkbox"/> Non-biodegradable Property	At the dropping point, the thickening agent and oil are divided
<input type="checkbox"/> Biology Enrichment or Biology Accumulate Property	<input type="checkbox"/> Biology Enrichment or Biology Accumulate Property

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### 13 Disposal Considerations

#### **Waste treatment methods**

##### Recommendation - Product

Follow all local, state, and federal regulations for disposal of waste chemicals.

##### Recommendation - Uncleaned packaging

Follow all local, state, and federal regulations for disposal of waste chemicals.

### 14 Transport information

#### UN-Number

ADNR/ADR-RID Not restricted (Non-hazardous for transportation)

IMDG/IMO Not restricted (Non-hazardous for transportation)

Remark: Not subject to the IMDG Code (Amdt 38-16)

IATA/ICAO Not restricted (Non-hazardous for transportation)

Remark: Not subject to IATA DGR (59<sup>TH</sup>.2018)

#### UN proper shipping name

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

#### Transport hazard class(es)

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

#### Transport hazard subclass

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

#### Packing group

ADNR/ADR-RID Not regulated

IMDG/IMO Not regulated

IATA/ICAO Not regulated

#### Environmental hazards

Marine pollutant No

Special precautions for user No special precautions required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable, packaged goods.

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### 15 Regulatory Information

**Safety, health and environmental regulations/legislations specific for the substance or mixture.**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemicals agent at work.

Take note of Directive 94/33/EC on the protection of young people at work.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work.

**National regulations**

**SVHC Candidate List of REACH Regulation Annex XIV Authorisation**

None of ingredients is listed

**REACH Regulation Annex XIV Authorization List**

None of ingredients is listed

**Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

### 16 Other information

Further information : None  
Print date : 25.10.2023

N/A - Not Applicable      N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.

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