



# SAFETY DATA SHEET

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Revised edition no : 03

## P-521 PENETRATING & LUBRICATING

Effective Date: 22/7/2024

### 1 Identification of the Product and the company

Chemical Name : Penetrating & Lubricating Product  
Type of product chemical family : N/A  
Use : Penetrating & Lubricating Spray  
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  
UN NUMBER : DG UN1950 / IMO 2.1 / JPA 3

### 2 Hazard Identification

Flammable Aerosol Category 1  
Aspiration Toxicity Category 1



Signal Word : DANGER!

#### **Hazard Statement**

H222 Extremely Flammable Aerosol.  
H229 Pressurized container: may burst if heated.  
H304 May be fatal if swallowed and enters airways.

#### **Precautionary Statement**

P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 Dispose of contents and container in accordance with local and national regulations.

### 3 Composition / Information on Ingredients

Chemical Name	CAS No.	% by wt
Isopar	-	40
Anti Rust	64742-48-9	20
LPG	91052-96-9	40

### 4 First Aid Measures

Inhalation : Upon excessive inhalation, remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye Exposure : Flush immediately with water for at least 15 minutes.  
Contact physician if symptoms persist.

Skin Exposure : Remove contaminated clothes and wash before reuse. Wash thoroughly with soap and water.  
Contact physician if irritation persists.

Ingestion : Rinse mouth with water and obtain medical attention.

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### 5 Fire-Fighting Measures

Extinguishing Media : Carbon dioxide, dry chemical, foam

Product contains extremely high flammable propellant. Heating aerosol containers whether full or empty will cause pressure rise, with risk of bursting. Bursting cans can be ejected from a fire. In case of fire aerosol cans should be kept cool by using water spray. Exposure to temperature above 49 degree C may cause bursting.

### 6 Accidental Release measures

If the container is ruptured or begins to leak, place in a well-ventilated area free of spark and ignition sources. Any remaining liquid should be collected with absorbent media. Dispose unusable concentrated and absorbent media in accordance with regulation of government.

Health and safety : Handle spilled product with care. Wear chemical resistant glove, goggle, respirator, protective clothing if needed. Avoid excessive inhalation, contact with skin and eyes.

Environmental : Avoid remove ignition source from spilled area. Use inert material to adsorb the spill contents. Place all the contaminated materials in proper container for disposal. Do not leak into the sewage system or the soil.

### 7 Handling and Storage

Handling : Do not smoke, eat or drink during handling.

Storage : Store at cool and dry place with adequate ventilation below 45 degree C. Keep out of reach of children.

Fire Protection : Keep away from heat or direct sun light and naked flame.

Never puncture or incinerate aerosol cans even when empty.

### 8 Exposure controls / personal protection

Protective Glove : Not required- avoid contact with skin

Eye Protection : Not required- avoid contact with eyes.

Other Equipment : Safety glasses to avoid possible contact eyes if needed.

Ventilation : Local- Not required  
Mechanical - Not required

### 9 Physical and chemical properties

Physical state : Liquid  
Appearance : Transparent to pale yellow  
Odor : Selective fragrance to standrad  
Solubility in water : Slightly soluble  
Melting Point : Not Applicable  
Viscosity (19°C) : 1.00mPa.s  
Vapor Pressure : 4,464(mmHg)  
pH : 5  
Specific Gravity : 0.8 - 0.9  
Internal Pressure : 5.0 ± 0.5kg/cm<sup>2</sup> (at 25°C )

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### 10 Stability and reactivity

Condition to avoid : Heat, spark and open flame.

Reactivity : Present no significant reactivity hazard, by itself or in contact with water.

Decomposition : Carbon monoxide and unidentified organic compound may be formed during combustion .

### 11 Toxicological information

Based on the ingredient in this composition and their concentration, this product classified as : May cause sensitization by skin contact. Irritating to eyes and skin.

### 12 Ecological information

This material is unlikely to accumulate in the environment and environment problem under normal use condition are unexpected .

### 13 Disposal Considerations

Dispose according to local regulation .  
Avoid disposing into drainage and into environment.

### 14 Transport information

	Status	Shipping Name	Class	ID #	Packing Group
DOT (USA)	Regulated	Consumer Commodity	2.1	N/A	N/A
IATA (Air)	Regulated	Aerosol 2	2.1	UN 1950	N/A
IMDG (Vessel)	Regulated	Consumer Commodity	2.1	N/A	N/A

### 15 Regulatory Information

#### Description of Product

Pure : N  
Mixture : Y  
Solid : N  
Liquid : Y  
Gas : Y

#### Physical Hazard

Fire : Y  
Pressure : Y  
Reactivity : N

#### Health Hazard

Immediate : N  
Delayed : N

Classification and labeling : Classification /symbol - not regulated  
Governing directive : Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997  
Safety advice : (May contain information in excess of requirements under applicable laws.)

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#### 16 Other information

The flammability hazard should be stressed to the user to ensure that high concentrations of propellant/vapor are not allowed to build up and all the sources of ignition are eliminated.

The responsibilities to ensure safe working conditions within this Safety Data Sheet are given as a guide to the precautions required maintaining a safe work environment.

Print date : 22/7/2024

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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