



IDEMITSU

SAFETY DATA SHEET

Issue Date 27-Jun-2016

Revision date 14-Jul-2016

Version 1

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name DAPHNE PRESS ER 68 (B)

Recommended Use Lubricant

Manufacturer

Apollo (Thailand) Co., Ltd.
Amatanakorn Industrial Estate(Phase6)
700/623 Moo4
Bankao,Panthong, Chonburi 20160
Thailand
Telephone: +66-3845-6900
Fax: +66-3821-0099

Supplier

Apollo (Thailand) Co., Ltd.
Amatanakorn Industrial Estate(Phase6)
700/623 Moo4
Bankao,Panthong, Chonburi 20160
Thailand
Telephone: +66-3845-6900
Fax: +66-3821-0099

Emergency Telephone Emergency Telephone
24 Hour Emergency Phone Number
001 800 120 666 751

Registration number(s) No information available

SECTION 2: Hazards identification

GHS - Classification

Not classified

Label elements

Hazard statements

Not classified

Precautionary Statements - Prevention

• Not Applicable

Precautionary Statements - Response

• Not Applicable

Precautionary Statements - Storage

• Not Applicable

Precautionary Statements - Disposal

• Not Applicable

SECTION 3: Composition/information on ingredients

chemical name	CAS No	weight-%
PETROLEUM HYDROCARBON (MINERAL OIL)	-	>=90
LUBRICATING OIL ADDITIVE	-	<7

SECTION 4: First aid measures

Symptoms	No information available.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
INHALATION	Move to fresh air in case of accidental inhalation of vapors or decomposition products. (Get medical attention immediately if symptoms occur.).
INGESTION	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Note to physicians	Treat symptomatically.

SECTION 5: Firefighting measures

FIRE-FIGHTING MEASURES

No information available

Flammable properties

Combustible liquid

Suitable Extinguishing Media

CO₂, dry chemical, dry sand, alcohol-resistant foam Use Dry chemical Carbon dioxide (CO₂) Water spray (fog) Alcohol resistant foam

Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition Risk of ignition

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus and protective suit

SECTION 6: Accidental release measures

Personal precautions	Use personal protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.
Environmental precautions	Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.
Specific hazards arising from the chemical	Keep product and empty container away from heat and sources of ignition. Risk of ignition.

SECTION 7: Handling and storage

Advice on safe handling

Use personal protective equipment as required. Avoid breathing vapors or mists. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not breathe dust, fume, gas, mist, vapors, spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

Storage Conditions

Store at ambient conditions. Store in accordance with local regulations. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

SECTION 8: Exposure controls/personal protection

Exposure Guidelines

chemical name	Thailand	ACGIH TLV	European Union
PETROLEUM HYDROCARBON (MINERAL OIL) -		5mg/m ³	
Component		ACGIH TLV	
PETROLEUM HYDROCARBON (MINERAL OIL) - (>=90)		5mg/m ³	

Engineering Controls

Ensure adequate ventilation, especially in confined areas

Personal protective equipment (APD)

Eye/face protection

Wear safety glasses with side shields (or goggles) Tight sealing safety goggles

Skin and body protection

Suitable protective clothing Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate Antistatic footwear Gloves made of plastic or rubber

General Hygiene Considerations

When using do not eat, drink or smoke Regular cleaning of equipment, work area and clothing is recommended

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Color brown
Appearance clear
Physical state liquid
Odor characteristic
Odor Threshold No information available

Property

Values

Remarks

pH No data available
Melting point/freezing point
 melting point
 Pour point -20.0 °C
 freezing point No information available
Initial boiling point 300 °C Or more
flash point 242 °C / 468 °F Cleveland Open Cup
Flammability Limits in Air
 Upper flammability limits No data available
 Lower flammability limit No data available
Density @15°C 0.8748 g/cm³
Solubility(ies)
 Water solubility Insoluble in water
Kinematic viscosity 40°C 69.21 mm²/s

DAPHNE PRESS ER 68 (B)

Revision date 14-Jul-2016

Kinematic viscosity 100°C 9.450 mm²/s
 Dropping point No information available
 Vapor Pressure No information available
 Vapor density No information available

SECTION 10: Stability and reactivity

Stability Stable under normal conditions
Conditions to avoid Strong oxidizing agents Heat, flames and sparks
Hazardous Decomposition Products None under normal use conditions
Possibility of Hazardous Reactions None under normal processing

SECTION 11: Toxicological information**INHALATION**

chemical name	Acute toxicity (LD50) -Oral-	Acute toxicity (LD50) -Dermal-	Inhalation LC50
PETROLEUM HYDROCARBON (MINERAL OIL)	> 5000 mg/kg(Rat)	> 2000 mg/kg	> 5mg/l

chronic toxicity

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Irritation No information available

Corrosivity No information available

Sensitization No information available

Germ cell mutagenicity No information available

Reproductive toxicity No information available

STOT - single exposure No information available

STOT - repeated exposure No information available

Target Organ Effects No information available

Aspiration hazard Not classified

SECTION 12: Ecological information**Ecotoxicity**

chemical name	Algae/aquatic plants	Fish	Crustacea
PETROLEUM HYDROCARBON (MINERAL OIL)	LOEL(algae)>=100mg/l(WAF)	10000mg/L LC50 :96h <i>Lepomis macrochirus</i>	EL50 >100mg/l(WAF)

Persistence and degradability No information available.

Bioaccumulation No information available.

Mobility

No information available.

chemical name	Partition coefficient
PETROLEUM HYDROCARBON (MINERAL OIL)	>6

Other adverse effects

No information available

SECTION 13: Disposal considerations

Waste from Residues / Unused Products

Disposal should be in accordance with applicable regional, national and local laws and regulations

Uncontrolled Copy
UNCONTROLLED COPY

SECTION 14: Transport information

IMDG

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant environmental hazard	Not Applicable
14.6 Special Provisions	none

RID

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 environmental hazard	Not Applicable
14.6 Special Provisions	none

ADR

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 environmental hazard	Not Applicable
14.6 Special Provisions	none

IATA

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 environmental hazard	Not Applicable
14.6 Special Provisions	none

ADN

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 environmental hazard	Not Applicable
14.6 Special Provisions	none

IBC

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated
Proper shipping name	Not regulated
CATEGORY	Not regulated

SECTION 15: Regulatory information

National Regulations

National occupational exposure limits See chapter 8

Enhancement and Conservation of National Environmental Quality Act
Ground Water Quality Standards for Drinking Purposes - Not Applicable
Maximum Allowable Concentration

Revision date 14-Jul-2016

Ground Water Quality Standards for Drinking Purposes - Not Applicable
Suitable Allowance

International Inventories

ENCS	Complies
TSCA	Complies
EINECS/ELINCS	Complies
DSL	Complies
AICS	Complies
KECL	Complies
PICCS	Complies
China (IECSC)	Complies
NZIoC	Complies
Taiwan	Complies

SECTION 16: Other information

Issue Date	27-Jun-2016
Revision date	14-Jul-2016
Revision Note	No information available.

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet