



IDEMITSU

SAFETY DATA SHEET

Issue Date 26-Aug-2013

Revision date 04-Feb-2015

Version 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code 3292031800
Product name DAPHNE CLEANER NH

Pure substance/mixture mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Lubricant

Uses advised against Not Applicable

1.3. Details of the supplier of the safety data sheet

Manufacturer

Idemitsu Kosan Co., Ltd.
1-1 3-Chome
Marunouchi
Chiyoda-ku Tokyo, 100-8321, Japan
Telephone: +81-3-3213-3143
Fax: +81-3-3211-5343

Supplier

Idemitsu Lube (Malaysia) Sdn. Bhd.
20-21, Lorong Teknologi B
Nouvelle Industrial Park
Tamas Sains Selangor 1
47800, Petaling Jaya Selangor Malaysia
Telephone: +60-3-6157-9529
Fax: +60-3-6157-9636

For further information, please contact

1.4. Emergency telephone number

Emergency Telephone
24 Hour Emergency Phone Number
+60 3 6207 4347

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Aspiration toxicity	Category 1
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2.2. Label elements

Product identifier
265-149-8
Contains PETROLEUM DISTILLATES, HYDROTREATED LIGHT



SIGNAL WORD

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways

Contains**Precautionary Statements**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P331 - Do NOT induce vomiting

P405 - Store locked up

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

Combustible liquid

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not Applicable

3.2 Mixtures

chemical name	CAS No	weight-%
PETROLEUM DISTILLATES, HYDROTREATED LIGHT	64742-47-8	>=99
LUBRICATING OIL ADDITIVE	-	<1

SECTION 4: First aid measures**4.1. Description of first aid measures****General advice**

If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

INHALATION

Move to fresh air in case of accidental inhalation of vapors or decomposition products. (Get medical attention immediately if symptoms occur.). Immediate medical attention is not required. If symptoms persist, call a physician.

Skin Contact

Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Immediate medical attention is not required. If skin irritation persists, call a physician.

Eye contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

INGESTION

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.

Self-protection of the first aider

Use personal protective equipment as required.

4.2. Most important symptoms and effects, both acute and delayed**Symptoms**

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

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

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Should not be released into the environment. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Soak up with inert absorbent material
Dam up
Pick up and transfer to properly labeled containers
Take precautionary measures against static discharges

6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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).

General Hygiene Considerations

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

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store at ambient conditions. Store in accordance with local regulations. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

7.3. Specific end use(s)**Risk Management Methods (RMM)**

The information required is contained in this Material Safety Data Sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand Protection Wear protective nitrile rubber gloves.

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.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls Do not allow into any sewer, on the ground or into any body of water.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	liquid	Odor	Slight
Appearance	clear	Odor Threshold	No information available
Color	colorless		

Property**pH****melting point****flash point****Water solubility****Kinematic viscosity 40°C****Kinematic viscosity 100°C****Values**

86 °C / 169 °F

Insoluble in water

1.645 mm²/s**Remarks • Method**

No information available

Pensky-Martens Closed Cup (PMCC)

9.2. Other information

Pour point -40.0 °C
 Dropping point
 Density @15°C 0.7915 g/cm3

SECTION 10: Stability and reactivity**10.1. Reactivity**

No data available.

10.2. Chemical stability

Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact none.
 Sensitivity to Static Discharge No information available.

10.3. Possibility of hazardous reactions**Possibility of Hazardous Reactions**

None under normal processing.

10.4. Conditions to avoid

Strong oxidizing agents. Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents
 Strong bases

10.6. Hazardous decomposition products

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity****Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

INHALATION No data available.
Eye contact No data available.
Skin Contact No data available.
INGESTION No data available.

Unknown Acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 6,000.00
ATEmix (dermal) 6,000.00

chemical name	Acute toxicity (LD50) -Oral-	Acute toxicity (LD50) -Dermal-	Inhalation LC50
PETROLEUM DISTILLATES, HYDROTREATED LIGHT	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	

skin corrosion/irritation	No end point data for material.
Serious eye damage/eye irritation	No end point data for material.
Sensitization	No end point data for material.
Germ cell mutagenicity	No end point data for material.
Carcinogenicity	The petroleum base oils contained in this product have been highly refined by a variety of processes including solvent extraction, hydrotreating, and dewaxing to remove aromatics and improve performance characteristics. All of the oils meet the IP-346 criteria of less than 3 percent PAHs and therefore none are listed as a carcinogen by NTP, IARC, or OSHA.
Reproductive toxicity	No end point data for material.
STOT - single exposure	No end point data for material.
STOT - repeated exposure	No end point data for material.
Aspiration hazard	Risk of serious damage to the lungs (by aspiration).

SECTION 12: Ecological information

12.1. Toxicity

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

chemical name	Algae/aquatic plants	Fish	Crustacea
PETROLEUM DISTILLATES, HYDROTREATED LIGHT		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static	4720: 96 h Den-dronereides heteropoda mg/L LC50

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

chemical name	Partition coefficient
PETROLEUM DISTILLATES, HYDROTREATED LIGHT	>6

12.4. Mobility in soil

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Improper disposal or reuse of this container may be dangerous and illegal.

Other Information Waste codes should be assigned by the user based on the application for which the product was used.

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	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

Occupational Safety and Health Act	Not Applicable
Factories and Machinery Act	Not Applicable

Environment Quality Act	Not Applicable
Pesticides Act	Not Applicable
Environmentally Hazardous Substances(EHS) Notification and Registration	Applicable
Poisons Act	Not Applicable

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	26-Aug-2013
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Revision Note	Not Applicable.

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