

SAFETY DATA SHEET: ALIPAX D80

MSDS NO: TMC-AP-D80

1. IDENTIFICATION OF CHEMICAL PRODUCT

Name of substance: Alipax D80 **Chemical Family:** Aliphatic

Product Description: Dearomatised Hydrocarbons

Supplier: **Transmare-Chemie (Singapore) Pte Ltd**
No. 12 Soon Lee Road, Singapore 628076
Telephone: (65) 6262-0122
Facsimile: (65) 6262-0112
Email: sales@transmare-chemie.com
Website: www.transmare-chemie.com

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Aspiration Toxicity Category 1

GHS Label Elements

Symbol(s):



Signal Word(s): Danger

GHS Hazards Statement:

Health Hazards:

H304: May be fatal if swallowed and enters airways.

Environmental Hazards: Not classified as environmental hazards under GHS criteria.

GHS Precautionary Statement

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P310: If Swallowed: Immediately call a Poison Center or doctor/physician.
P370+P378: In case of fire: Use appropriate media for extinction.
P331: Do Not induce vomiting.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.

Disposal

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P501: Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

Other Hazards Which Do Not Result in Classification

Material can accumulate static charges which may cause an ignition.
Material can release vapours that readily form flammable mixtures.
Vapour accumulation could flash and/or explode if ignite.
Mildly irritating to skin, eyes, nose, throat and lungs.
May cause central nervous system depression.

Aggravated Medical Condition

N/A

3. COMPOSITION/ INFORMATION ON INGREDIENTS CAS NUMBER: 64742-47-8

Chemical Name	CAS Number:	Concentration
Distillates (petroleum), Hydrotreated light	64742-47-8	100%

4. FIRST AID MEASURES

Inhalation, Skin Contact, Eye Contact, Ingestion



Medical attention. Emergency shower.



Emergency eyewash.

5. FIRE FIGHTING MEASURE

Appropriate Extinguishing Media:

- CO₂
- Alcohol Resistance Foam
- Dry Chemical
- Water Fog

Inappropriate Extinguishing Media:

Water Jet

6. ACCIDENTAL RELEASE MEASURES

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- Eliminate ignition sources. Prevent liquid enters sewers, water sources, low area.
- Spill with sand, earth. Dilute contained spill with water. Dispose recover material conforms to local regulation.
- Keep public away.

7. HANDLING AND STORAGE

Storage/ Transport Temperature:
Ambient

Loading/ Unloading Temperature:
Ambient

Ensure all equipment is electrically grounded before beginning transfer operations.
Take precautionary measures against static discharge.
Keep away from heat and sources of ignition.
Avoid breathing mists or vapour. Avoid contact with skin.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Control Measures/Ventilation:

- Use local exhaust ventilation to control process.
- Provide mechanical ventilation of confined spaces.
- Use explosion-proof ventilation equipment.

Occupational Exposure Limits (OEL) Values:

TWA: 165ppm

Personal Protection:



Vapor respirator. Gloves. Goggles. Full suit. Footwear.

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State:	Liquid
Form/Color:	Clear / Colourless
Odor:	Slight
Flash Point (ASTM D93):	81 °C
Boiling Point Range (ASTM D86):	200-250 °C
Specific Gravity(15.6):	0.79
Density (ASTM D4052, 15°C):	794kg/ m ³
Freezing/Melting Point:	N/A
Auto-ignition Temperature:	227 °C
Evaporation Rate (n-Bu Acetate=1):	0.01
Vapor Pressure (20°C):	0.01 kPa
Viscosity (20°C): Viscosity (40°C):	2.3 cSt 1.6 cSt
Solubility in Water (20°C):	Negligible
Explosive Limits (in air):	N/A
Vapor Density (101.3kPa/air = 1):	6.1 at 101 kPa
Molecular Weight:	178g/mol
Coeff. Of Thermal Expansion (liq):	0.00092/°C
Odor Threshold:	N/A
pH:	N/A
Material Hygroscopic:	No
Flammable Limits:	0.6 – 6.0
Pour Point:	-48°C
Log Pow: (n-Octanol/Water Partition Coefficient)	>4

10. STABILITY AND REACTIVITY	
Hazardous Polymerization: Will not occur	Conditions to Avoid Polymerization: NA
Stability: Stable	Conditions to Avoid Instability: NA
Materials and Conditions to Avoid:	Strong oxidizing agents. Avoid heat, sparks, open flames and sources of ignition.

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Hazardous Decomposition Products:	Material does not decompose at ambient temperature.
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11. TOXICOLOGICAL INFORMATION

Inhalation:	Minimally toxic.
Skin Contact:	Minimally toxic. Mildly irritating to skin with prolonged exposure.
Eye Contact:	May cause mild, short-lasting discomfort to eyes.
Ingestion:	Minimally toxic.

12. ECOLOGICAL INFORMATION

Environmental Mobility:	Transformation. Not expected to be significant.
Environmental Degradability:	Biodegrade readily.
Ecotoxicity and Bioaccumulation:	Not expected to demonstrate chronic toxicity and be harmful to aquatic organisms.
Ecotoxicity and Bioaccumulation:	Expected to degrade rapidly in air.
VOC:	Yes

13. DISPOSAL CONSIDERATIONS

- Combine with other materials to indicate another route of disposal.
- Recycle, recover or dispose empty drums through a suitably qualified or licensed contractor.
- Ensure compliance with national and local regulations.
- NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ash less and can be burned directly in appropriate equipment.
- Contact Transmare-Chemie or local Authorities for more information.

14. TRANSPORT INFORMATION

Not regulated for Land, Sea (IMDG) and Air Transport. Not marine pollutant.

15. REGULATORY INFORMATION

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Material is hazardous according to UN GHS Criteria**REGULATORY STATUS AND APPLICABLE LAWS AND REGULATIONS**

Listed or exempted from listing/notification on the following chemical inventories:

(May contain substance(s) subject to notification to the
EPA Active TSCA Inventory prior to import to USA)

- AIIS
- DSL
- ENCS
- IECSC
- KECI
- PICCS
- TCSI
- TSCA

16. OTHER INFORMATION**Revision Date on 15th April 2024**

This 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. Such information is to the best of Transmare-Chemie Company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.