

SAFETY DATA SHEET: ALIPAX D40

MSDS NO: TMC-AP-3295

1. IDENTIFICATION OF CHEMICAL PRODUCT

Name of substance: Alipax D40 **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:

Flammable Liquids	Category 3
Specific Target Organ Toxicity (Central Nervous System)	Category 3
Aspiration Toxicant	Category 1

GHS Label Elements

Symbol(s):



Signal Word(s): Danger

GHS Hazards Statement

Physical Hazards:

H225: Highly Flammable Liquid and Vapor.

Health Hazards:

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

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.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

SAFETY DATA SHEET: ALIPAX D40

MSDS NO: TMC-AP-3295

Response:

P303+P361+P353: If on Skin (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378: In case of Fire: Use appropriate media for extinction.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

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

P304+P340: If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P301+P310: If Swallowed: Immediately call a POISON CENTER or doctor/physician.

P331: Do Not induce vomiting.

Storage:

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

P405: Store locked up.

Disposal

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: 64742-48-9

Chemical Name	CAS Number:	Concentration
Naphtha (Petroleum), Hydrotreated heavy	64742-48-9	100%

4. FIRST AID MEASURES

Inhalation, Skin Contact, Eye Contact, Ingestion



Medical attention. Emergency shower.



Emergency eyewash.

SAFETY DATA SHEET: ALIPAX D40

MSDS NO: TMC-AP-3295

5. FIRE FIGHTING MEASURE

Appropriate Extinguishing Media:

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

Inappropriate Extinguishing Media:

Water Jet

6. ACCIDENTAL RELEASE MEASURES

- 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: 197 ppm

Personal Protection:



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



SAFETY DATA SHEET: ALIPAX D40

MSDS NO: TMC-AP-3295

SAFETY DATA SHEET: ALIPAX D40

MSDS NO: TMC-AP-3295

9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State:	Liquid
Form/Color:	Clear, colourless
Odor:	Slight
Flash Point (TCC ASTM D93):	48 °C
Boiling Point Range:	167 - 191°C
Specific Gravity (15.0/15.0):	0.78
Density (15°C):	780 kg/m ³
Freezing/Melting Point:	N/A
Auto-ignition Temperature:	237 °C
Evaporation Rate (n-Bu Acetate=1):	0.1
Vapor Pressure (20°C):	0.1 kPa
Viscosity (20°C): Viscosity (40°C):	1.4 cSt 1.0 cSt
Solubility in Water (20°C):	Negligible
Explosive Limits (in air):	N/A
Vapor Density (101.3kPa/air = 1):	5.1 at 101 kPa
Molecular Weight:	148g/mol
Coeff. Of Thermal Expansion (liq):	0.00099/°C
Odor Threshold:	N/A
pH:	N/A
Material Hygroscopic:	N/A
Flammable Limits:	0.7 to 6.0
Pour Point:	-69 °C
Log Pow (n-Octanol/Water Partition Coefficient):	>4

10. STABILITY AND REACTIVITY	
Hazardous Polymerization: No	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.

SAFETY DATA SHEET: ALIPAX D40

MSDS NO: TMC-AP-3295

Hazardous Decomposition Products:	Material does not decompose at ambient temperature.
--	---

11. TOXICOLOGICAL INFORMATION

Inhalation:	Irritating to eyes, respiratory tract. Causes dizziness, affect other central nervous system.
Skin Contact:	Defat, dry skin. Low order of toxicity.
Eye Contact:	Irritating, injure eye tissue if not removed promptly
Ingestion:	Minimal toxicity, small amounts may cause bronchopneumonia or pulmonary edema.

12. ECOLOGICAL INFORMATION

Environmental Mobility:	Substance is water-soluble and remains primarily in water
Environmental Degradability:	Readily biodegradable.
Ecotoxicity and Bioaccumulation:	Bioaccumulation is unlikely.

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

	Land	Sea	Air
Class	3	3	3
Packing Group	III	III	III
UN Number	3295	3295	3295
Transport Document Name	Hydrocarbons, Liquid, N.O.S, Class 3, UN 3295, PG III, (48°C c.c.)	Hydrocarbons, Liquid, N.O.S, Class 3, UN 3295, PG III, (48°C c.c.)	Hydrocarbons, Liquid, N.O.S, Class 3, UN 3295, PG III, (48°C c.c.)
Others	Hazchem Code: 3Y	Marine Pollutant: No EmS: F-E, S-D Risk Label: 3	

SAFETY DATA SHEET: ALIPAX D40

MSDS NO: TMC-AP-3295

15. REGULATORY INFORMATION

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.