



Eastern Petroleum Pvt. Ltd.

an ISO 9001-2008 certified company

Regd. Off.: Unit No. 1, Riddhi Siddhi, Corporate Park, V. N. Purav Marg,
(Sion Trombay Road), Chembur, Mumbai - 400 071. MH, India.

Tel.: +91 - 22 - 4232 4121, 2529 9990,

Email: office@easternpetroleum.in, Web: www.easternpetroleum.in

CIN NO: U24100MH1964PTC012931

MATERIAL SAFETY DATA SHEET

1. Product name and Company identification

Product Name	:	EASTTO HEATRA FLUID 12
Product Use	:	Industrial Heat transfer oil
Supplier	:	Eastern Petroleum Pvt. Ltd 235-239, Jawahar industrial Estate, Kamothe, Panvel, Dist- Raigad, Maharashtra: 410209
Telephone No.	:	91-22-2743 1694, 91-22-2743 3819.
Email	:	sales@easternpetroleum.in

2. Composition / Information of Ingredients

Ingredient name	CAS Number	% by wt
Hydro cracked base oil	64742-65-0	97- 99
Proprietary additives	Mixture	1 - 3

3. Hazards identification

	Non dangerous substance
Physical state	Liquid
Human Health Effects	
Eyes	Not expected to cause irritation
Skin	May cause mild skin irritation if prolonged used.
Inhalation	Not expected to cause any side effect while inhalation

4. First Aid Measures

Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Skin contact	Immediately wash affected area with soap and water. Remove contaminated clothing and shoes. Get medical attentions if a symptom occurs.
Eye contacts	In case of contact immediately wash eyes with plenty of water.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately. Get medical attention if symptoms occur.

5. Fire-fighting Measures

Flammability of product	Combustible liquid
Extinguishing Media	
Suitable	Use dry chemical, carbon dioxide (CO ₂), or foam
Not suitable	Do not use water

6. Accidental Release Measures

Personal precautions	Wear suitable protection clothing and equipment. Remove contaminated clothes as soon as possible.
Environmental precautions	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Inform local authorities if this cannot be prevented. Pick up free liquid for recycling or disposal. The residual oil can be transferred to another container.

Clean up method- small spillage	Absorb liquid with sand or earth, sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulation.
Clean up methods – large spillage	Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Dispose of as for small spills.

7. Handling and Storage

Handling	Handle in accordance with good industrial hygiene and safety practices. If handled at elevated temperatures or with high speed mechanical equipment, vapors or mists might be released and require a well ventilated workplace.
Storage	Store at ambient temperature or with lowest necessary heating as required for ease of handling.

8. Exposure Controls / Personal Protection

Control parameters	Adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated
Personal protection equipment	
Respiratory protection	Avoid inhalation use suitable mask with filter if necessary.
Hand protection	Wear oil-resistant protective gloves if there is a risk of skin contact.
Eye protection	For eyes protection wear safety goggles.
Skin and body protection	Use protective cloths and gloves.
Hygienic measures	Act in accordance with good industrial Hygiene and safety practice.

9. Physical and Chemical Properties

CHARACTERISTICS	EASTTO HEATRA FLUIDS 12
Physical state	Liquid
Odour	Mild
Density @ 30 °C	0.83
Kinematic viscosity @ 40°C, cst	12
Solubility in water	Insoluble
pH	N.A
Flash Point °C	180

10. Stability and Reactivity

Reactivity and stability	Stable at normal conditions and decomposes at higher temperature.
Conditions to avoid	Excessive heating and highly oxidizing agents
Hazardous decomposition products	Hazardous decomposition products are not expected to form during normal storage.
Hazardous polymerization	Under normal conditions of storage and use, polymerization will not occur.

11. Toxicological Information

Potential chronic health effects	
Carcinogenicity	No known significant effects or critical hazards.

12. Ecological Information

Environment effect:	Will not have chronic effect on aquatic environment
----------------------------	---

13. Disposal considerations

Waste disposal procedure:	Place contaminated materials in a disposable container and dispose of in accordance with Local, State environmental regulations and contact local environment and health authorities to get the permission for waste disposal.
----------------------------------	--

14. Transport Information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)



Eastern Petroleum Pvt. Ltd.

an ISO 9001-2008 certified company

Regd. Off.: Unit No. 1, Riddhi Siddhi, Corporate Park, V. N. Purav Marg,
(Sion Trombay Road), Chembur, Mumbai - 400 071. MH, India.

Tel.: +91 - 22 - 4232 4121, 2529 9990,

Email: office@easternpetroleum.in, Web: www.easternpetroleum.in

CIN NO: U24100MH1964PTC012931

15. Regulatory Information

Not classified as hazardous.

16. Other Information

The information provided in this 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 as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other materials or in any process, unless specified in the text.



Eastern Petroleum Pvt. Ltd.

an ISO 9001-2008 certified company

Regd. Off.: Unit No. 1, Riddhi Siddhi, Corporate Park, V. N. Purav Marg,
(Sion Trombay Road), Chembur, Mumbai - 400 071. MH, India.

Tel.: +91 - 22 - 4232 4121, 2529 9990,

Email: office@easternpetroleum.in, Web: www.easternpetroleum.in

CIN NO: U24100MH1964PTC012931

MATERIAL SAFETY DATA SHEET

1. Product name and Company identification

Product Name	:	EASTTO HEATRA FLUIDS 12, 22, 32, 100
Product Use	:	Industrial Heat transfer oil
Supplier	:	Eastern Petroleum Pvt. Ltd 235-239, Jawahar industrial Estate, Kamothe, Panvel, Dist- Raigad, Maharashtra: 410209
Telephone No.	:	91-22-2743 1694, 91-22-2743 3819.
Email	:	sales@easternpetroleum.in

2. Composition / Information of Ingredients

Ingredient name	CAS Number	% by wt
Hydro cracked base oil	64742-65-0	97- 99
Proprietary additives	Mixture	1 - 3

3. Hazards identification

	Non dangerous substance
Physical state	Liquid
Human Health Effects	
Eyes	Not expected to cause irritation
Skin	May cause mild skin irritation if prolonged used.
Inhalation	Not expected to cause any side effect while inhalation

4. First Aid Measures

Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Skin contact	Immediately wash affected area with soap and water. Remove contaminated clothing and shoes. Get medical attentions if a symptom occurs.
Eye contacts	In case of contact immediately wash eyes with plenty of water.
Ingestion	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If potentially dangerous quantities of this material have been swallowed, call a physician immediately. Get medical attention if symptoms occur.

5. Fire-fighting Measures

Flammability of product	Combustible liquid
Extinguishing Media	
Suitable	Use dry chemical, carbon dioxide (CO ₂), or foam
Not suitable	Do not use water

6. Accidental Release Measures

Personal precautions	Wear suitable protection clothing and equipment. Remove contaminated clothes as soon as possible.
Environmental precautions	Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers. Inform local authorities if this cannot be prevented. Pick up free liquid for recycling or disposal. The residual oil can be transferred to another container.

Clean up method- small spillage	Absorb liquid with sand or earth, sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulation.
Clean up methods – large spillage	Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Dispose of as for small spills.

7. Handling and Storage

Handling	Handle in accordance with good industrial hygiene and safety practices. If handled at elevated temperatures or with high speed mechanical equipment, vapors or mists might be released and require a well ventilated workplace.
Storage	Store at ambient temperature or with lowest necessary heating as required for ease of handling.

8. Exposure Controls / Personal Protection

Control parameters	Adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated
Personal protection equipment	
Respiratory protection	Avoid inhalation use suitable mask with filter if necessary.
Hand protection	Wear oil-resistant protective gloves if there is a risk of skin contact.
Eye protection	For eyes protection wear safety goggles.
Skin and body protection	Use protective cloths and gloves.
Hygienic measures	Act in accordance with good industrial Hygiene and safety practice.

9. Physical and Chemical Properties

CHARACTERISTICS	12	22	32	100
Physical state	Liquid	Liquid	Liquid	Liquid
Odour	Mild	Mild	Mild	Mild
Kinematic viscosity @ 40°C, cst	12	22	32	100
Solubility in water	Insoluble	Insoluble	Insoluble	Insoluble
pH	N.A	N.A	N.A	N.A
Flash Point °C	180	180	190	200

10. Stability and Reactivity

Reactivity and stability	Stable at normal conditions and decomposes at higher temperature.
Conditions to avoid	Excessive heating and highly oxidizing agents
Hazardous decomposition products	Hazardous decomposition products are not expected to form during normal storage.
Hazardous polymerization	Under normal conditions of storage and use, polymerization will not occur.

11. Toxicological Information

Potential chronic health effects	
Carcinogenicity	No known significant effects or critical hazards.

12. Ecological Information

Environment effect:	Will not have chronic effect on aquatic environment
----------------------------	---

13. Disposal considerations

Waste disposal procedure:	Place contaminated materials in a disposable container and dispose of in accordance with Local, State environmental regulations and contact local environment and health authorities to get the permission for waste disposal.
----------------------------------	--

14. Transport Information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)



Eastern Petroleum Pvt. Ltd.

an ISO 9001-2008 certified company

Regd. Off.: Unit No. 1, Riddhi Siddhi, Corporate Park, V. N. Purav Marg,
(Sion Trombay Road), Chembur, Mumbai - 400 071. MH, India.

Tel.: +91 - 22 - 4232 4121, 2529 9990,

Email: office@easternpetroleum.in, Web: www.easternpetroleum.in

CIN NO: U24100MH1964PTC012931

15. Regulatory Information

Not classified as hazardous.

16. Other Information

The information provided in this 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 as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other materials or in any process, unless specified in the text.