

MATERIAL SAFETY DATA SHEET

1. Identification of the Substance/ Preparation and the Company / Undertaking.

Product Name	:	EASTTO TRACTOR OIL 20W-40
Product Type	:	EASTTO TRACTOR OIL
Supplier	:	EASTERN PETROLEUM PRIVATE LIMITED 235-239, JAWAHAR INDUSTRIAL ESTATE, KAMOTHE, PANVEL, DIST RAIGAD, MAHARASHTRA: 410209.
<u>Emergency information</u>		
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2. Composition / Information of Ingredients:

A wide cut low viscosity mineral oil without any additives.

3. Hazards identification Non – dangerous petroleum

Human Health	The products are of low oral and dermal toxicity and under normal conditions of use, should not present any significant health hazards. Inhalation of their vapours may cause coughing or difficulty in breathing. Prolonged skin contact will cause its deoiling and irritation.
Physical and chemical Hazard	At elevated temperatures flammable vapours and decomposition products will be released.

4. First Aid Measures

General advice:	Handle in accordance with good industrial hygiene and safety practices. Launder contaminated clothing.
Inhalation:	Deep Inhalation of mists, fumes or vapours may cause irritation and difficulty in breathing. Move to fresh air. If the symptoms persist, seek medical advice.
Skin contact:	Remove immediately adhering matter and wash off with mild soap and plenty of luke warm water.
Eye contact:	Rinse with plenty of luke warm water. Consult ophthalmologist.
Ingestion:	Clean mouths with water. Do not induce vomiting. If vomiting occurs, lower head below waste to prevent fluids from entering the lungs. Never give anything by mouth to an unconscious person. Call a physician. Avoid drinking of water. Obtain medical

5. Fire-fighting Measures

Suitable extinguishing Media:	Extinguish preferable with dry chemical, carbon dioxide (CO ₂), sands, earth, water fog or foam. Do not use water spray, lest it forms steam.
Extinguishing media which must not be used for safety reasons:	Water (risk caused by its conversion to steam)

6. Accidental Release Measures

Personal precautions:	Wear suitable protection clothing and equipment. Remove contaminated clothes as soon as possible.
Environmental precautions:	Prevent spills to enter and spread to drains, sewers, water courses and soil. Contact local safety authorities.
Methods for cleaning up:	Contain leaking product with sand, earth or other suitable inert materials. Dispose according to Clause 13.

7. Handling and Storage

Handling:	Handle in accordance with good industrial hygiene and safety practices. Keep neat product away from heat lest, vapours or mists are released which require a well ventilated workplace.
Storage:	Store at ambient temperature upto 60°C or with lowest necessary Heating. May soften certain rubbers. Avoid sparks or open flames. Keep containers tightly closed after use.

8. Exposure Controls / Personal Protection

Control parameters: Exposure via the air and normal handling.
 Engineering measures to Reduce exposure: Mechanical ventilation with flame- proof fittings and natural exhaust will reduce exposure via the air. Use oil resistant material in construction of handling equipment. Store under recommended conditions and if heated, temperature control equipment should be used to avoid overheating.

Personal protection equipment:

-Respiratory protection : If necessary, use suitable mask with filter.
 -Hand protection : Wear oil-resistant protective gloves if there is a risk of repeated skin contact.
 -Eye protection : To avoid the effect of splashes wear safety goggles.
 -Skin and body protection : Wear protective clothing if there is a risk of skin contact and change them frequently.
 Hygienic measures : Act in accordance with good industrial Hygiene and safety practice.

9. Physical and Chemical Properties of EASTTO TRACTOR OIL 20W-40

CHARACTERISTICS	EASTTO TRACTOR OIL 20W-40
Kinematic Viscosity @ 100°C, cSt.	14 to 16
Flash Point °C (COC), Min.	200
TBN mg KOH/gm	10 to 13

10. Stability and Reactivity

Stability: Stable at normal conditions. Starts to decompose at 210°C or higher.
 Avoid: Excessive heating and highly oxidizing agents.
 Hazardous decomposition products: Upon Combustion, CO₂, CO and oxides of Sulphur and Nitrogen are generated.

11. Toxicological Information

- Eye contact: May cause mild eye irritation based on animal data.
 - Skin contact: Generally non-irritant on accidental contact. Prolonged or repeated contact leads to de-oiling of skin and subsequent irritation.
 - Ingestion: Hazardous in case of ingestion.
 - Inhalation: Prolonged inhalation of vapours or mist may irritate respiratory tract.

12. Ecological Information

Ecotoxicity: Not available.
 BODS and COD: Not available.
 Environment Mobility: When released to soil, adsorption in sediment is a predominant behaviour.

13. Disposal considerations

Residues/ contaminated packaging should be regarded as hazardous waste and be taken care of in accordance with local regulations. Flush small spillage with plenty of water, absorb large spillage in sand and incinerate in safe area.

14. Transport Information

It is not classified as hazardous for transportation except for their typical flash point of + 160°C

15. Regulatory Information

No statutory regulations require special labeling. Observe normal safety regulations when handling petroleum products.

16. Other Information

The information provided in this Safety Data Sheet (S.D.S) is provided in good faith and is correct to the best of our knowledge, information, and belief at the date of its publication. This is because of varied use conditions from location to location which may also differ from time to time. Thus no claims can be made as



Eastern Petroleum Pvt. Ltd.

an ISO 9001-2008 certified company

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