

Material Safety Data Sheet

Product Name: 20w/40 Motor Oil

Issued by: Aegis Oil Ltd

1. Product Information.

Product: Aegis 20w/40 Motor Oil

Supplier: Aegis Oil Ltd

495 Hauraki Road Turua Thames NZ

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2. Product Composition

Generic Composition: Hydrocarbons and Additives.

Ingredients Considered Hazardous to Health:

This product is not formulated to contain ingredients which have exposure limits established by regulatory agencies. It is not considered hazardous to health.

3. Hazard Identification

Effects of overexposure: No significant effects expected.

4. First Aid

Eye Contact: Flush thoroughly with water. If irritation persists call a doctor.

Skin Contact: Wash affected contact areas with water.

Inhalation: Not expected to be a problem. However if greater than ½ litre is ingested or it feels uncomfortable, give 1 to 2 glasses water and obtain medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

5. Fire Fighting Measures

Extinguishing Media: Foam, Dry Chemicals, CO₂ and water fog.

Special Procedures: Water or foam may cause frothing. Use water to cool fire-exposed containers. Water spray may be used to flush spills away from exposures. Prevent runoff from fire control or dilution from entering waterways, sewages or drinking water supply.

Special Protective Equipment: For fires in enclosed areas, Firefighters must use self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: None.
Flash Point C (F) 232 (450) (IP 36/ASTM D-92).
Flammable limits –LEL NA, UEL NA. NFPA
Hazard ID: Health: 0, Flammability: 1,
Reactivity: 0

Hazardous Decomposition Products: Metal oxides. Carbon monoxide. Elemental oxides.

6. Accidental Release Measures

Notification Procedures: Report spills as required to appropriate authorities such as the local Environment Health Officer or Fire Brigade. If spills are likely to enter any drain, waterway or groundwater, contact the Area Water Authority. In case of accident or road spill, contact the Police & Fire Brigade and if appropriate, the Area Water Authority.

Procedure if material is released or spilled: Contain and absorb on suitable chemical absorbent material, etc. Shovel up and dispose

of at an appropriate licensed waste disposal site in accordance with current laws and regulations and product characteristics at time of disposal.

Environmental Precautions: Prevent spills from entering storm sewers or drains and contact with soil.

7. Handling and Storage

Handling: No special precautions are necessary beyond normal good hygiene practices. See section 8 for additional personal protection advice when handling this product.

Storage: Do not store in open or unlabeled containers. Store away from strong oxidizing agents or combustible material.

8. Exposure Control

Ventilation: No special requirements under ordinary conditions of use and with adequate ventilation.

Respiratory Protection: no special requirements under ordinary conditions of use and with adequate ventilation.

Eye Protection: Normal industrial eye protection practices should be employed.

Skin Protection: No special equipment required. However, good personal hygiene practices should always be followed.

Exposure Limites: This product does not contain any components which have recognized exposure limits. However, a threshold limit value of 5.00 mg/m³ is suggested for oil mist.

9. Physical and Chemical Properties

Typical physical properties are given below:

Physical state: Amber/Brown Liquid

Odour: Mild

Odour Threshold (ppm): NE

pH: NA

Boiling Point C (F): NE

Melting Point C (F): NA

Flash Point C (F) 232 (450) (IP 36/ ATSM D-92)

Flammability: NE

Auto Flammability: NE

Explosive Properties: NA

Oxidizing Properties: NA

Vapour Pressure-mm Hg 20C:<0.1

Vapour Density: >2.0

Evaporation Rate: NE

Relative Density, 15/4 c: 0.865

Solubility in Water: Negligible

Partition Coefficient: >3.5

Freezing Point: C (F): NE

NA=Not Applicable NE=Not Established,

D=Decomposes

10. Stability and Reactivity

Stability (Thermal, Light, etc.): Stable.

Conditions to avoid: Extreme heat.

Incompatibility (Materials to Avoid): Strong oxidisers.

Hazardous Decomposition Products: Metal Oxides. Carbon monoxide. Elemental oxides.

Hazardous Polymerisation: will not occur.

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11. Disposal Considerations

Waste Disposal: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited by local authority. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate licensed waste disposal site. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

12. Transportation Information

ACTDG: Not regulated by ACTDG.
RID/ADR: Not regulated by RID/ADR
IMO: Not regulated by IMO.
IATA: Not regulated by IATA.

13. Regulatory Information

Governmental Inventory Status: All components comply with European EINECS/ELINCS, US TSCA, Australian AICS and Japanese MITI.

Classifications:

UN Number: Not applicable
Hazchem code: Not applicable
Dangerous Goods Class: Not applicable
Packing Group: Not applicable
AS 1940 Class: C2
Poisons Schedule: Not applicable
Worksafe Classification: Not hazardous by Worksafe criteria.
EC Labeling: EC labeling not required.

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