

Quicksilver HD Motor Oil, SAE 30

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Issue date: 21/09/2011

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Name : Quicksilver HD Motor Oil, SAE 30
Product code : 625679316; 92-813050-1; 92-858076K01; 92-858077K01
Synonyms : Heavy duty motor oil

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/preparation : Marine and Watercraft Applications

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Mercury Marine
41-71 Bessemer Drive Dandenong South Vic
Australia
3175
+61 3 9791 5822

1.4. Emergency telephone number

Emergency number : Chemtrec Australia (Sydney) +(61) 290372994 (24 hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact : After contact with skin, wash immediately with plenty of water and soap. Remove all contaminated clothing and footwear. Wash contaminated clothing before reuse. Discard contaminated clothing. If skin irritation persists, seek medical attention.
First-aid measures after eye contact : Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. In all cases of doubt, or when symptoms persist, seek medical advice.
First-aid measures after ingestion : Do not induce vomiting unless directed to do so by medical personnel. Do not give anything to drink unless directed to by a physician. Do not give an unconscious person anything to drink. Seek medical attention immediately.

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4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Risk of thermal burns on contact with hot oil.
Symptoms/injuries after inhalation	: May cause irritation to the eyes, nose, throat, and skin. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation. Possible respiratory damage following repeated or prolonged inhalation.
Symptoms/injuries after skin contact	: May cause moderate irritation. Risk of thermal burns on contact with molten product. Prolonged or repeated contacts with the skin may cause dermatitis. Skin rash/inflammation. Drying up of the skin.
Symptoms/injuries after eye contact	: May cause moderate irritation, including burning sensation, tearing, redness or swelling.
Symptoms/injuries after ingestion	: Ingestion of large amounts may produce some discomfort and gastrointestinal disturbances including a laxative action.

4.3. Indication of any immediate medical attention and special treatment needed

INGESTION: The viscosity range of the product(s) represented by this MSDS is greater than 100 SUS at 37.8°C (100°F). Careful gastric lavage may be considered to evacuate large quantities of

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	: carbon dioxide (CO ₂), dry chemical powder, foam. Water fog. Apply aqueous extinguishing media carefully to prevent frothing/steam explosion.
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5.2. Special hazards arising from the substance or mixture

Fire hazard	: On combustion forms: Carbon dioxide. Carbon monoxide. smokes. hydrocarbons. Nitrogen oxides (NO _x). Phosphorus oxides. Zinc oxide. Sulfur oxides. Material will burn but does not easily ignite. When heated above the flash point, releases vapours. Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode. Mist or spray may burn at temperature below flash point.
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5.3. Advice for firefighters

Protective equipment for firefighters	: Wear proper protective equipment. Extra personal protection: complete protective clothing including self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Evacuate personnel to a safe area. Avoid any direct contact with the product. Avoid contact with skin, eye and clothing. Avoid breathing dust. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Spilled material may present a slipping hazard. Prevent entry to sewers and public waters. Wear suitable protective clothing and eye/face protection.
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6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable protective clothing gloves, and eye/face protection.
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6.1.2. For emergency responders

Protective equipment	: Wear suitable protective clothing, gloves and eye/face protection.
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6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Wear suitable protective clothing. Stop leak if safe to do so. Spilled material may present a slipping hazard. Small spills: Clean up any spills as soon as possible, using an absorbent material to collect it. Contain large spills to maximize product recovery or disposal. Substance floats in water. Specialist clean-up methods may be required. Comply with applicable regulations.
Other information	: Collect all waste in suitable and labelled containers and dispose according to local legislation. Relevant water authorities should be notified of any large spillage to water course or drain.

6.4. Reference to other sections

Refer to sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Container remains hazardous when empty. Continue to observe all precautions. Drain and purge equipment, as necessary, to remove material residues.
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- Precautions for safe handling : Avoid all eye and skin contact and do not breathe vapour and mist. In case of insufficient ventilation, wear suitable respiratory equipment.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. DO NOT use gasoline, kerosene, solvents, or harsh abrasives as skin cleansers. Remove all contaminated clothing and footwear. Wash contaminated clothing prior to re-use.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures: : Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources.
- Storage condition(s) : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Do not store near oxidizing agents.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Australia	TWA (mg/m ³)	5 mg/m ³ Oil Mist
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8.2. Exposure controls

Appropriate engineering controls : Provide local exhaust or general room ventilation to minimize vapour concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment : Protective goggles. Protective clothing. Gloves.



Hand protection : Chemical resistant gloves (nitrile-rubber, PVC, neoprene). Use heat-protective gloves when handling product at elevated temperatures.

Eye protection : safety glasses with side-shields. Use splash goggles when eye contact due to splashing is possible. Wear goggles and face shield if material is heated above 51°C.

Skin and body protection : When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection must be worn. Wash contaminated clothing before reuse.

Respiratory protection : An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : amber.
- Odour : Light odour of petroleum.
- Odour threshold : No data available
- pH : Not applicable
- Melting point : No data available
- Solidification point : No data available
- Boiling point : No data available
- Flash point : 218 °C Closed cup
- Relative evaporation rate (butylacetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosive limits : No data available
- Vapour pressure : < 0.001 kPa (at 20 °C)
- Relative vapour density at 20 °C : > 1 (Air = 1)
- Relative density : No data available
- Density : 886.7 g/l
- Solubility : Negligible solubility in cold water.

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Log Pow	: No data available
Log Kow	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 104 cSt (at 40 °C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. keep away from oxidizing agents.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

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LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation	: Not classified pH: Not applicable
Serious eye damage/irritation	: Not classified pH: Not applicable
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This material has not been tested for environmental effects. May be harmful to aquatic organisms, to flora, to soil organisms.

12.2. Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose of contents/container to comply with applicable local, national and international regulations.

Additional information : Container remains hazardous when empty. Continue to observe all precautions. Do not attempt to clean container. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

SECTION 14: Transport information

Not a dangerous good in sense of transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH candidate substance

Other regulations, restrictions and prohibition regulations : Compliance with following regulations: Regulation (EC) 1907/2006 as amended. Regulation (EC) 1272/2008 as amended. Directive 67/548/EEC as amended. Directive 1999/45/EC as amended.

15.1.2. National regulations

Other regulations, restrictions and prohibition regulations : National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)]; Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 (1995)].

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Sources of Key data

: MSDS.

Abbreviations and acronyms

: ACGIH (American Conference of Government Industrial Hygienists). ASTM - American Society for Testing and Materials. CAS - Chemical Abstracts Service. CLP - Classification, Labelling and Packaging. CSR - Chemical Safety Report. EC - European Community. EEC - European Economic Community. GHS - Globally Harmonised System. HMIS - Hazardous Materials Identification System. IARC (International Agency for Research on Cancer). MSDS - Material Safety Data Sheet. OSHA - Occupational Safety and Health Administration. Overland transport (ADR). PEL- Permissible Exposure. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. SDS - Safety Data Sheet. STEL- Short-Term Exposure Limit. TLV- Threshold Limit Value. TWA- Time Weighted Average.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.