

Quicksilver Diesel Engine Oil, SAE 15W-40

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Revision date: 21/09/2011

Supersedes: 24/11/2010

Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Name : Quicksilver Diesel Engine Oil, SAE 15W-40
Product code : 625785316, 92-88113; 92-858042Q01; 92-858043Q01
Synonyms : Engine oil
Product group : Trade product

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 Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

In case of large spills the product may be hazardous to aquatic organisms due to possible formation of a film on the surface water which can diminish dissolved oxygen levels. Injection under the skin of pressurized hydrocarbons can cause severe, permanent tissue damage.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH phrases : EUH208 - Contains Long chain alkyl thio carbamide metal complex. May produce an allergic reaction
EUH210 - Safety data sheet available on request

2.3. Other hazards

other hazards which do not result in classification : Spills of this product present a serious slipping hazard.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Long chain alkyl thio carbamide metal complex	(EC no) 457-320-2	0.01209 - 0.10881	Xi; R38 Xi; R43 R52/53
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Long chain alkyl thio carbamide metal complex	(EC no) 457-320-2	0.01209 - 0.10881	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412

Full text of R-, H- and EUH-phrases: see section 16.

Quicksilver Diesel Engine Oil, SAE 15W-40

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air. If you feel unwell, seek medical attention.
- First-aid measures after skin contact : Contact burns from hot or very cold materials should be flooded with cool low pressure water for 15 minutes. Remove all contaminated clothing and footwear. Wipe off as much as possible (using a clean, soft, absorbent material). Wash hands and other exposed areas with soap and water before leaving work. Seek medical attention if ill effect or irritation develops. Wash contaminated clothing before reuse. Discard contaminated leather articles. If material is injected under the skin, seek medical attention immediately.
- First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if ill effect or irritation develops.
- First-aid measures after ingestion : If swallowed, do not induce vomiting: seek medical advice immediately and show this container label. Do not give an unconscious person anything to drink. Seek immediate medical advice.

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

- Symptoms/injuries after inhalation : Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.
- Symptoms/injuries after skin contact : May cause slight temporary irritation. Prolonged/repetitive skin contact may cause skin defatting or dermatitis. Injection under the skin of pressurized hydrocarbons can cause severe, permanent tissue damage.
- Symptoms/injuries after eye contact : May cause slight temporary irritation.
- Symptoms/injuries after ingestion : IF SWALLOWED: Diarrhea.

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

Injection under the skin of pressurized hydrocarbons can cause severe, permanent tissue damage.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media: : carbon dioxide (CO₂), dry chemical powder, foam. Use caution when applying carbon dioxide in confined spaces. Carbon dioxide can displace oxygen.
- Unsuitable extinguishing media : Water spray. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : The product is not easily ignited. On heating/burning: release of irritant gases/vapours. When heated above the flash point, releases vapours.
- Reactivity : Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, NO_x. When heated above the flash point, releases vapours.

5.3. Advice for firefighters

- Firefighting instructions : Use self-contained breathing apparatus when in close proximity to fire.
- Protective equipment for firefighters : Wear recommended personal protective equipment. In case of hazardous fumes, wear autonomous breathing apparatus. Refer to section 8.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing, gloves and eye/face protection. Refer to section 8.

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing, gloves and eye/face protection. Refer to section 8. In case of fire: Wear self-contained breathing apparatus.
- Emergency procedures : Material spilled on hard surface can present a serious slipping/falling hazard. Stop leak if safe to do so. Small spills: Take up liquid spill into inert absorbent material, e.g.: sand/earth. Collect all waste in suitable and labelled containers and dispose according to local legislation. Impound and recover large spill. Prevent entry to sewers and public waters. Clean spills promptly. Floats on water. Comply with applicable regulations.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Relevant water authorities should be notified of any large spillage to water course or drain.

6.3. Methods and material for containment and cleaning up

- For containment : Clean up any spills as soon as possible, using an absorbent material to collect it.
- Methods for cleaning up : Clean spills promptly. Clean up any spills as soon as possible, using an absorbent material to collect it. Minimize water use for cleaning.

Quicksilver Diesel Engine Oil, SAE 15W-40

Safety Data Sheet

according to Regulation (EC) No. 453/2010

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety procedures. Wear recommended personal protective equipment. Avoid all eye and skin contact and do not breathe vapour and mist.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: : Provide adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Protect containers against damage.

Storage condition(s) : Keep in original containers closed. Store in tightly closed, properly ventilated containers away from heat, sparks, open flame. Keep cool. Protect from sunlight.

Incompatible materials : Oxidizing agents, strong.

Storage area : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

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 : Gloves. Protective goggles. Protective clothing.



Materials for protective clothing : Avoid repeated or prolonged skin contact. Wear long sleeves. Remove contaminated clothing. Discard contaminated leather articles.

Hand protection : Nitrile-rubber protective gloves. Heat resistant gloves.

Eye protection : Chemical goggles or face shield with safety glasses. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

Skin and body protection : Avoid repeated or prolonged skin contact. Wear long sleeves. Remove contaminated clothing and shoes. Discard contaminated leather articles.

Respiratory protection : Not expected to present a significant inhalation hazard under anticipated conditions of normal use. 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 coloured.

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 : 201 °C Closed cup.

Relative evaporation rate (butylacetate=1) : No data available

Flammability (solid, gas) : No data available

Explosive limits : No data available

Vapour pressure : < 0.1 hPa @ 20°C

Quicksilver Diesel Engine Oil, SAE 15W-40

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Relative vapour density at 20 °C	: > 1 (air=1)
Relative density	: 0.88 g/cm ³
Density	: 882.2 kg/m ³
Solubility	: Water: Negligible.
Log Pow	: No data available
Log Kow	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: 127 cSt @ 40°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

VOC content : Negligible.

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, NOx. When heated above the flash point, releases vapours.

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.

10.5. Incompatible materials

Oxidizing agents, strong.

10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, NOx.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
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	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: Repeated exposure may cause skin dryness or cracking. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation. Injection under the skin of pressurized hydrocarbons can cause severe, permanent tissue damage.

Quicksilver Diesel Engine Oil, SAE 15W-40

Safety Data Sheet

according to Regulation (EC) No. 453/2010

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : In case of large spills the product may be hazardous to aquatic organisms due to possible formation of a film on the surface water which can diminish dissolved oxygen levels.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

Quicksilver Diesel Engine Oil, SAE 15W-40

Ecology - soil	Do not allow to enter into soil/subsoil.
----------------	--

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Consult the appropriate authorities about waste disposal.

Waste treatment methods : Dispose of this material and its container to hazardous or special waste collection point. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources.

Waste disposal recommendations : Do not re-use empty containers. Empty containers can be dumped according to local legislation.

Additional information : 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

VOC content : Negligible.

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

15.1.2. National regulations

Regional legislation : 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 : CLP - Classification, Labelling and Packaging. REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals. SDS - Safety Data Sheet . ASTM - American Society for Testing and Materials . CSR - Chemical Safety Report. EC - European Community. EEC - European Economic Community. GHS - Globally Harmonised System.

Full text of R-, H- and EUH-phrases:

Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Skin Irrit. 2	skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitisation Category 1
H315	Causes skin irritation

Quicksilver Diesel Engine Oil, SAE 15W-40

Safety Data Sheet

according to Regulation (EC) No. 453/2010

H317	May cause an allergic skin reaction
H412	Harmful to aquatic life with long lasting effects
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.