

SAFETY DATA SHEET



Issue Date 22-Feb-2013

Revision date 27-Jan-2016

Version 1.01

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

1.1. Product identifier

Product code 644
Product name GLIDEWAY 68

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

Recommended Use Lubricant.
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Company Name
Statoil Fuel & Retail Lubricants Sweden AB,
Box 194, 149 22 Nynäshamn,
Sweden,
+46 8 429 60 00

Supplier
Statoil Fuel & Retail Lubricants Sweden AB,
Box 194, 149 22 Nynäshamn,
Sweden
+46 8 429 60 00

For further information, please contact

Contact Point HSE Advisor
Email address BASP_MD_RD_HSEA@statoilfuelretail.com
Company Phone Number +46 8 429 60 00

1.4. Emergency telephone number

Emergency telephone - §45 - (EC)1272/2008	
Europe	112
Czech Republic	+420 224 91 92 93/+420 224 91 54 02 (Poison Information)
Denmark	+45 82 12 12 12 (Poison Information)
Finland	+358 09 471 977 (Poison Information)
Latvia	+371 7042468 (Poison Information)
Lithuania	+370 5 236 20 52 (Poison Information)
Norway	+47 22 59 13 00 (Poison Information)
Poland	+48 426 314 502 (Poison Information)
Slovakia	+421 2 5465 2307 (Poison Information)
Sweden	+46 8 33 70 43 (Emergency Response Center)
Estonia	+372 626 9390 (Poison Information)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Chronic aquatic toxicity	Category 3
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2.2. Label elements

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

Contains 2,5-bis(octyldithio)-1,3,4-thiadiazole May produce an allergic reaction.

Precautionary Statements

P273 - Avoid release to the environment

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1 Substances / 3.2 Mixtures

Only hazardous substances above thresholds are shown below

Chemical name	EC No	CAS No	weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
2,6-di-tert-butylphenol	204-884-0	128-39-2	0.25-1%	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Skin Irrit. 2 (H315)	01-2119490822-33
(Z)-octadec-9-enylamine	204-015-5	112-90-3	0.1-0.25%	Acut Tox. 4 (H302) Asp. Tox. 1 (H304) Skin Corr. 1B (H314) STOT RE 3 (H335) STOT RE 2 (H373) Aquatic Acute 1 (H400) Acuatic Chronic 1 (H410)	No data available

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Eye Contact	Wash with plenty of water. If eye irritation persists: get medical advice/attention.
Skin Contact	Remove contaminated clothing and shoes. Wash skin with soap and water. Wash contaminated clothing before reuse.
Ingestion	Clean mouth with water. Do NOT induce vomiting. Potential for aspiration if swallowed. Get medical attention.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Self-protection of the first aider	Use personal protective equipment as required.

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

Symptoms	None under normal use conditions.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use CO₂, dry chemical, or foam.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Special Hazard

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration. Cool drums with water spray.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection recommended in Section 8.

Extremely slippery when spilled.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4. Reference to other sections

Other information

See Section 12: Ecological information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Extremely slippery when spilled.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store in a dry place. Store in a closed container. Protect from moisture.

7.3. Specific end use(s)**Specific use(s)**

Lubricant.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical name	Sweden	Denmark	Norway	Finland	Estonia
Oil mist/smoke	NGV 8 h: 1 mg/m ³ , KTV 15 min: 3 mg/m ³	8h: 1 mg/m ³	8h: 1 mg/m ³	8h: 5 mg/m ³	TWA 8h: 1 mg/m ³
Chemical name	Latvia	Lithuania	Poland	Russia	Slovakia
Oil mist/smoke	8h: 5 mg/m ³	IPRV 8h: 1 mg/m ³ , TPRV 15 min: 3 mg/m ³	NDS: 8h: 5 mg/m ³ , NDSch, 15 min, 10 mg/m ³	5 mg/m ³	8h: 5 mg/m ³
Chemical name	Czech Republic	Germany	Hungary	Bulgaria	Ukraine
Oil mist/smoke	PEL: 5 mg/m ³ NPK-P: 10 mg/m ³	-	-	-	-

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls None under normal use conditions.

Personal protective equipment**Eye/face Protection****Hand protection**

Wear safety glasses with side shields (or goggles).

Wear protective nitrile rubber gloves. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handled, and the conditions of work and use. Most gloves provide protection for only a limited time before they must be discarded and replaced (even the best chemically resistant gloves will break down after repeated chemical exposures). Gloves should be chosen in consultation with the supplier / manufacturer and taking account of a full assessment of the working conditions.

Body protection**Respiratory Protection**

Wear suitable protective clothing.

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of inadequate ventilation wear respiratory protection.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State

Liquid

Appearance	Clear	Odor	Oil
Color	Light Brown	Odor Threshold	Not applicable
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH		Not applicable	
Melting Point/Freezing Point		Not applicable	
Boiling point/boiling range		No information available	
Flash Point			
Flash point COC	222 °C	ISO 2592	
Flash point PM		Not applicable	
Evaporation Rate		Not applicable	
Flammability (solid, gas)		Not applicable	
Flammability Limits in Air			
Upper Flammability limits		Not applicable	
Lower Flammability Limit		Not applicable	
Vapor pressure @20°C (kPa)	< 0.01		
Vapor Density		Not applicable	
Relative Density		No information available	
Water Solubility	Negligible		
Solubility(ies)	Soluble in Solvent		
Partition Coefficient (n-octanol/water) > 3			
Autoignition Temperature		No information available	
Decomposition Temperature		No information available	
Kinematic Viscosity			
Viscosity at 40°C Typical	72.0 mm ² / s	ISO 3104	
Viscosity at 100°C Typical	9.4 mm ² / s	ISO 3104	
Dynamic viscosity		No information available	
Explosive Properties		Not applicable	
Oxidizing Properties		Not applicable	
<u>9.2. Other information</u>			
Molecular Weight		No information available	
VOC Content(%)		No information available	
Density	882 kg/m ³	ISO 12185	
Bulk density		No information available	
Research Octane Number		Not applicable	
Sulphur Content		Not applicable	

SECTION 10: Stability and reactivity

10.1. Reactivity

Not reactive.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

None under normal use conditions. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon monoxide.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Product Information Product does not present an acute toxicity hazard based on known or supplied information. Used product can contain harmful contaminants.

Acute toxicity

Inhalation Inhalation of vapors in high concentration may cause irritation of respiratory system.

Eye Contact Contact with eyes may cause irritation.

Skin Contact Prolonged contact may cause redness and irritation. May cause skin irritation and/or dermatitis. Product that under high pressure has been forced under the skin, may cause serious cell damage/death under the skin.

Ingestion Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

Chronic toxicity

Skin corrosion/irritation None known.

Serious eye damage/eye irritation None known.

Sensitization None known.

Germ cell mutagenicity None known.

Carcinogenicity None known.

Reproductive Toxicity None known.

Developmental toxicity None known.

Teratogenicity None known.

STOT - single exposure None known.

STOT - repeated exposure None known.

Neurological effects None known.

Target organ effects None known.

Aspiration hazard None known.

SECTION 12: Ecological information**12.1. Toxicity**

May cause long lasting harmful effects to aquatic life

12.2. Persistence and degradability

Potentially degradable, but will persist in the environment for long periods.

12.3. Bioaccumulative potential

Contain components with potential to bioaccumulate (logPow >3).

12.4. Mobility in soil

Mobility in soil

After release, adsorbs onto soil.

12.5. Results of PBT and vBvP assessment

This product is not, or does not contain, a substance that is a PBT or a vBvP.

Chemical name	PBT and vBvP assessment
2,6-di-tert-butylphenol	Not applicable

12.6. Other adverse effects

An oilfilm may cause physical damage to organisms and disturb the transportation of oxygen in the intermediate zone between air/water or air/soil

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Other information

Provisions for waste transmitters:

Different types of hazardous waste shall not be mixed with each other. Wastes can be mixed if the purpose is to improve safety during disposal or recycling or otherwise is done in a manner acceptable to protect the environment. Waste may be transported professionally only by those who have special permission. Solvent and oil waste under certain given amounts may be transported without special permission, after notification to the County Board. Contact the County Board for further information.

Discharge Instructions:

Packs marked with a skull or environmental hazard symbol and risk phrase 50/53 should always be disposed of as hazardous waste. Other packs should be emptied well before they can be recycled or reconditioned. The contents may need to be disposed of as hazardous waste. Draining is best carried out at room temperature. The pack is placed upside down inclined somewhat, about 10 degrees, the runoff should be in such a way that the lowest point of the pack is the exit. Residual content should be collected and added to the process there the product is used. For steel drums especially the runoff must be at room temperature (min 15 ° C). Wait until the pack is drip dry. Do not reseal the packs after runoff. Note in particular the risks involved when emptying containers containing flammable liquids. Emptied packages should be ventilated in a safe place away from sparks and fire. Residues may cause an explosion. Do not puncture, cut or weld in uncleaned packages, containers or barrels. If possible, packs contained water-soluble product should be rinsed thoroughly (3 times) before emptying. The rinse water should, if possible, be used in the process there the product is used.

Classification of wastes:

Waste transmitters is required to classify the waste. All waste is identified by a six digit EWC code. The codes are listed in the Waste Regulation. The codes for oil waste are based on usage and the base oil. Information about the intended use is given in the safety data sheet, section 1. Oil waste is always hazardous waste. Examples of EWC codes for oil waste: 120107: mineral-based machining oils free of halogens 130111: Synthetic Hydraulic Oils 130105: Non-chlorinated emulsions 130208: other engine, gear and lubricating oils

Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

IMDG

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 environmental hazard	Not applicable
14.6 Special Provisions	None

ADR

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 environmental hazard	Not applicable
14.6 Special Provisions	None

ICAO (air)

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 environmental hazard	Not applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID no	Not regulated
14.2 Proper Shipping Name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing group	Not regulated
14.5 environmental hazard	Not applicable
14.6 Special Provisions	None

SECTION 15: Regulatory information

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

National regulations This safety data sheet is created with use of legislation & regulation valid for the European Union, for example consolidated versions of REACH, 1907/2006; CLP, 1272/2008; DPD 1999/45 and national legislation.

Danish PR number: -

International Inventories

TSCA	Does not Comply
EINECS/ELINCS	Complies
DSL/NDSL	Does not Comply
PICCS	Does not Comply
ENCS	Does not Comply
IECSC	Does not Comply
AICS	Does not Comply
KECL	Does not Comply

Legend

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed
 H304 - May be fatal if swallowed and enters airways
 H314 - Causes severe skin burns and eye damage
 H315 - Causes skin irritation
 H335 - May cause respiratory irritation
 H373 - May cause damage to the kidneys/ liver/ eyes/ brain/ respiratory system/ central nervous system through prolonged or repeated exposure in contact with skin
 H400 - Very toxic to aquatic life
 H410 - Very toxic to aquatic life with long lasting effects

Key or legend to abbreviations and acronyms used in the safety data sheet

vBvP = Very Bioaccumulative and very Pollutant.
 PBT = Persistent Bioaccumulative Toxic chemical
 REACH = Research Evaluation Authorization and Restriction of Chemicals
 CLP = Classification, Labelling and Packaging
 DPD = Dangerous Preparations Directive
 VOC=Volatile Organic Compound

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Revision Note Indication of changes *** , if applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet