



Safety Data Sheet according to Regulation (EC) No. 1907/
2006 (REACH)

Printed 21.09.2010
Revision 27.08.2010 (GB) Version 1.0

CASSIDA FLUID HF 68
A01-07529

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Name of product CASSIDA FLUID HF 68

Manufacturer/distributor
FUCHS LUBRITECH GMBH
Werner-Heisenberg-Straße 1, D-67661 Kaiserslautern/ Germany
Phone +49 (0) 6301 3206 - 0, Fax +49 (0) 6301 3206 - 940
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Advice
Product Safety Management
Phone +49 (0) 6301 3206 - 0
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Emergency advice +49 (0)171 / 4632154

Recommended intended purpose(s)
Lubrication oil

EMERGENCY TELEPHONE NO.
800-255-3924

2. HAZARDS IDENTIFICATION

Information pertaining to special dangers for human and environment
none at appropriate handling and storage

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description
Blend of polyolefins and additives
Product contains only substances permitted under US 21CFR 178.3570, 178.3620 and 182 for use in lubricants with incidental food contact.

Additional advice
none at appropriate handling and storage

4. FIRST AID MEASURES

General information
Remove contaminated soaked clothing immediately, don't leave to dry.

In case of inhalation
Not applicable: No harmful steam concentration due to low volatility

In case of skin contact
In case of contact with skin wash off with soap and water.
Don't use organic solvents
Consult a doctor if skin irritation persists.

In case of eye contact
In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion
Call doctor in case of indisposition
Do not induce vomiting.

Physician's information / possible symptoms
No symptoms known so far.

Physician's information / possible dangers
Aspiration hazard when vomiting after swallow up

Treatment (Advice to doctor)
Treat symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Foam
Dry powder
Carbon dioxide
sand
water mist

Extinguishing media which must not be used for safety reasons
Full water jet



Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire gas of organic material has to be classed invariably as respiratory poison.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Apply foam in large quantities because some of it is destroyed by the product.
Collect contaminated firefighting water separately, must not be discharged into the drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.
Avoid contact with skin and eyes
High risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the subsoil/soil.

Methods for cleaning up

Send in suitable containers for recovery or disposal.
Take up with absorbent material (e.g. general-purpose binder).

Additional information

Informations for disposal see chapter 13.

7. HANDLING AND STORAGE

Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Take the usual precautions when handling with chemicals.

Advice on protection against fire and explosion

The product is combustible.
Pay attention to general rules of internal fire prevention.

Requirements for storage rooms and vessels

Prevent penetration into the ground.
Use steel containers.
Use polyethylene containers.

Advice on storage compatibility

Do not store together with oxidising and self-inflammable materials.

Further information on storage conditions

Keep container tightly closed, store at cool and aired place, open and handle carefully.
Protect from heat and direct solar radiation.
Store in a dry place.
Do not keep at temperatures below 0 °C.
Recommended storage temperature: room temperature.

Storage group 10

Fire class B

Information on storage stability

Storage stability 12 months maximum.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional advice on system design

Do not inhale aerosols caused by spraying application

Additional advice

This product as such does not contain any relevant ingredients with to be observed limited values
As basis for this information served the valid references.

Respiratory protection

Not required at determined application

Hand protection

As the product is a preparation of several substances, the resistance of the materials used for gloves cannot be predetermined; it is therefore necessary to check this before using the product.
The break through time depends on the mechanical stress imposed and must therefore be checked individually.
PVC gloves



nitrile gloves
Neoprene gloves

Eye protection
safety goggles

Skin protection
Usual working clothes for chemical industries

General protective measures
Avoid contact with eyes and skin
Do not inhale gases/vapours/aerosols.

Hygiene measures
Cloths contaminated with product should not be kept in trouser pockets.
Follow general rules of industrial hygiene for safe handling of chemical products
At work do not eat, drink and smoke.
Remove soaked clothing immediately.
Keep away from food and drink.
Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Colour	Odour
liquid	colourless	characteristic

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not applicable
boiling range	> 280 °C				
flowing point	< -60 °C			DIN/ISO 3016	
Flash point	ca. 258 °C			open cup	
Autoignition	> 320 °C				
Lower explosion limit	1 Vol-%				
Upper explosion limit	10 Vol-%				
Vapour pressure	< 0,5 Pa	20 °C			
Density	0,836 g/cm ³	15 °C		DIN 51757	
Solubility in water					more or less insoluble
Partition coefficient (log p_{OW})	> 6				
Viscosity kinematic	68 mm ² /s	40 °C			

10. STABILITY AND REACTIVITY

Conditions to avoid
Heating, unshielded flame, ignition source, electrostatic charge

Materials to avoid
none at appropriate handling and storage
Reactions with strong oxidising agents.

Hazardous decomposition products
none at appropriate handling and storage

Thermal decomposition

Remark No decomposition if used as directed.



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11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD 50 acute oral				not determined
Irritability skin				frequent and/or persistent contact may cause skin irritation
Irritability eye	may have irritating effect			if splash reaches eye
Skin sensitization	No sensitizing effect known			

Experiences made from practice

Frequent persistent contact with the skin may cause skin irritation.
no harmful effects at appropriate handling and determined usage

Additional information

No toxicological data available.

The product was classified on the basis of the calculation procedure of the directive 67/548/EEC (conventional method).

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Biological degradability				not determined

Mobility and bioaccumulative potential

The product has not been tested. Because of the product's consistency and low solubility in water bioavailability is not likely.

Ecotoxicological effects

	Value	Species	Method	Validation
Fish				not determined

Behaviour in sewage plant

Product gets duly not into waste water before it is not treated according to the local regulations.

Das Produkt bildet auf der Wasseroberfläche einen dünnen Ölfilm. Wird von Schwebeteilchen adsorbiert. Abscheidung durch Sedimentation.

General regulation

Ecological data are not available.

Do not allow uncontrolled leakage of product into the environment.

13. DISPOSAL CONSIDERATIONS

Recommendations for the product

Disposal according to local authority prescriptions

Recommendations for packaging

Totally emptied packaging may be taken for recycling.

Dispose one-trip container according to local authority prescriptions

Recommended cleansing agent

white spirit

General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste

14. TRANSPORT INFORMATION

Land and inland navigation transport ADR/RID

No hazardous material as defined by the prescriptions.

Marine transport IMDG

No hazardous goods as defined by prescriptions

Air transport ICAO/IATA-DGR

No hazardous goods as defined by prescriptions



15. REGULATORY INFORMATION

Remarks for labelling

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances. Although this product does not require a hazard warning label, we recommend that the safety advice should be observed. Classification done on the basis of calculation methods of substance directive (67/548 / EEC).

National regulations

Water hazard class 1 Mixture-WGK according to VwVwS (GER)

VOC standard
VOC content 0 %

16. OTHER INFORMATION

Training advice

Use information in this MSDS

Recommendend uses and restrictions

usage only according to instructions for use and observance of warning notes
Produkt ist zur Verwendung in Lebensmittelbetrieben freigegeben.
National and local regulations concerning chemicals shall be observed.

Further information

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in TSCA.

Refer to product information paper.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Sources of key data used

Material Safety Data Sheets of raw materials