

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

Date of issue: May 2016

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

Product information:

Product Name: **Ultrafluid 2**

Company:

SKF Sealing Solutions Austria GmbH
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Contact person: Dagmar Griesenauer / safety officer

2. POSSIBLE HAZARDS

Classification of the substance or mixture

Classification (1272/2008/EG) (CLP):

Eye Irrit. 2 H319

Causes serious eye irritation.

Label elements

Labeling (1272/2008/EG):

The product is classified and labeled according to the CLP regulation.

GHS07

H319

P280 P264 P305+P351+P338

P337+P313

3. COMPOSITION / INFORMATION ON INGREDIENTS

Water soluble cooling lubricant

This product is **not classified as hazardous**, but **contains hazardous ingredients**.

Hazardous components:

EINECS: 271-781-5 Reg.nr.: 01-2119527859-22-0000	Natrium-Petrolsulfonat Eye Irrit. 2, H319	>1,0-6,9%
EINECS: 203-489-0 Reg.nr.: 01-2119539582-35-0000	Hexylenglykol Skin Irrit. 2, H315; Eye Irrit. 2, H319	>1,0-4,9%
EINECS: 201-993-5 Reg.nr.: 01-2119511183-53-0000	Orthophenylphenol Aquatic Acute 1, H400; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	< 2,00%

4. FIRST AID MEASURES

The product has a slightly alkaline reaction.

Eye contact: Rinse thoroughly with water (use eye irrigation). If the irritation persists, consult a doctor.

Skin contact: Wash off with water and mild soap.

Ingestion: Do not induce vomiting, consult a doctor.

Inhalation: Not applicable, as the concentrate is not volatile.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide, extinguishing powder, foam, water mist.

Extinguishing media to avoid: Direct jet of water

6. ACCIDENTAL RELEASE MEASURES

Do not allow to get into drainage systems, rivers, lakes or soil. Take up with oil binders.

7. HANDLING AND STORAGE

Handling: The usual precautions for the handling of chemicals are to be observed.

Industrial hygiene: Observe the usual measures of working hygiene. Wash the hands after using the product. Change contaminated clothing.

Storage: In closed, original drums, 12 months.

Storage temperature between -70° C and 40°C. Do not expose to direct sunlight.

A thorough mixing is necessary after prolonged storage.

Fire and explosion protection: The usual protective measures for products containing mineral oils are to be taken.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIVE

Control of threshold limits: MAK Value: 10 mg/m³ (metalworking fluid)

Respiratory protection: Not required.

Hand protection: Not required, but recommended.

Eye protection: Protection goggles are not required, but recommended.

Other: Working clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid
Colour:	green
Odour:	pleasant (almonds)
Change in physical state:	
Pour Point:	< -30°C
Boiling temperature:	<300°C
Density:	0,95 g/cm ³ (20°C)
Vapour pressure:	<0,1 mbar (20°)
Viscosity:	43 mm ² /s (40°C)
Solubility in water:	emulsifiable
PH-value:	8,8 -9,2 (at 50g/l H ₂ O)
Flash point:	145°C
Ignition temperature	> 500°C
Explosion limits:	lower: n.b. vol.% (1013 mbar)
	upper: n.b. vol.% (1013 mbar)
Further information:	Organic chlorine content: max. 50 ppm.

Does not contain phosphorus or active sulphur.

10. STABILITY AND REACTIVITY

Thermal decomposition: None when used according to the instructions.

Hazardous decomposition product: None when used according to the instructions.

Hazardous reactions: No dangerous reactions are known.

11. TOXOKOLOGIC INFORMATION

Acute toxicity LD50 oral, rat: >15000 mg / kg

12. ECOLOGICAL INFORMATION

The product is not readily biodegradable. The product must not be allowed to get into waste water, ground water, surface water.

Water-endangering Class: WEC concentrate: 2-Water –endangering
WEC emulsion: 1 –Slight water-endangering

13. DISPOSAL CONSIDERATIONS

In accordance with the local authority regulations. In accordance with the Law on Waste Disposal (AbfG)

European waste code: Concentrate: 12 01 07 ; Emulsion 12 01 09

14. TRANSPORT INFORMATION

GGVE / GGVS	Class	Cipher	not applicable
RID / ADR	Class	Cipher	not applicable
UN-No.			
Kemler No.			
Overland statement			
GGVSee	Class	Cipher	not applicable
ADNR	Class	Cipher	not applicable
UN-No.			
IMDG-code page			
EMS			
MFAG			
Packing group			
See transport statement	not applicable		
ICAO / IATA-DGR			
UN-No.			
Proper Shipping Name			
Subsidiary risk			
Labels			
Packing group			
Passenger aircraft	Packing Instructions	max.	not applicable
Cargo aircraft only	Packing Instructions	max.	not applicable

No dangerous cargo

15. FURTHER INFORMATION

Not a hazardous material according to the above mentioned transport regulations.

16. REGULATORY INFORMATION

The product does not require marking/identification according to the EC guidelines.

Hazard symbols: -

Risk phrases: H-

Safety phrases: P-

17. OTHER INFORMATION

The product does not contain: nitrite separators, formaldehyde, formaldehyde separators, boric acid esters, secondary amines, diethanolamine, NDELA and/ or nitrosamines, active sulphur, silicones, PCP (pentachlorophed), PCB, PCT, TCDD or other dioxine-containig substances.

Abbreviations: n. a. = not applicable: n.d. = not determined

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