

SAFETY DATA SHEET

Concentrated DOPPLER FLUID

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

Product name	Concentrated DOPPLER FLUID
Part No.	C-BMF
In-house No.	C-BMF
Applications	Chemical for research and analysis.
Supplier	Danish Phantom Design Græse strandvej 8 DK-3600 Frederikssund Denmark Tel: +45 46 73 04 63

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS No.	Content	Symbol
Glycerol		8043-29-6	< 15%	C3H5(OH)3
Non-ionic tensides			< 2%	
Orgasol			10%	polyamid-12
NaBenzoat		132-67-2	< 5 %	C18H12NO3*Na
KSorbat		24634-61-5	< 5 %	CH3(CHCH)2COOK

Composition comments Aqueous solution and suspension of inorganic and organic compounds.

3. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

4. FIRST AID MEASURES

Inhalation	Fresh air.
Ingestion	Rinse mouth thoroughly. Drink plenty of water. Contact physician if feeling unwell.
Skin	Rinse with water.
Eyes	Immediately rinse with water. Contact physician if irritation persists.

5. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate for surrounding fire.
Special fire fighting procedures	Move container from fire area if it can be done without risk.
Specific hazards	Non-flammable.

6. ACCIDENTAL RELEASE MEASURES

Spill cleanup methods Avoid contact with skin or inhalation of spillage, dust or vapour. Do not contaminate water sources or sewer. Take up with absorbent material.

7. HANDLING AND STORAGE

Usage precautions Avoid spilling, skin and eye contact. Avoid inhalation of vapours.

Storage precautions Keep in cool, dry, ventilated storage and closed containers.

Storage criteria Chemical storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Provide adequate general and local exhaust ventilation.

Respirators If ventilation is insufficient, suitable respiratory protection must be provided.

Protective gloves Hand protection not required.

Eye protection If risk of splashing, wear safety goggles or face shield.

Other Protection Wear appropriate clothing to prevent reasonably probable skin contact.

Hygienic work practices Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Fluid.

Colour White.

Solubility description Miscible with water.

10. STABILITY AND REACTIVITY

Stability Normally stable.

Materials to avoid Unspecified.

11. TOXICOLOGICAL INFORMATION

Health warnings Slightly irritating.

Medical symptoms No specific symptoms noted.

12. ECOLOGICAL INFORMATION

Degradability Quantitative environmental data on this product are not available.

13. DISPOSAL CONSIDERATIONS

Disposal methods Confirm disposal procedures with environmental engineer and local regulations.

14. TRANSPORT INFORMATION

General Not subject to transport regulations.

15. REGULATORY INFORMATION

Risk phrases n/a.

Safety phrases n/a.

EU directives Dangerous Substance Directive 67\548. Directive 2001/58 Directive 1999/45

16. OTHER INFORMATION

•Information revised since the previous version of the SDS

Revision comments 3. edition.

Issued by Knud-Erik Fredfeldt

Revision date 20140130