

Safety data sheet



corresponding to EC N°: 1907/2006

Name of the product: Funke-Dr.N.Gerber Labortechnik GmbH
Ringstr. 42
D-12105 Berlin
Tel: +49(0)30/702006-0/ Fax: +49(0)30/702006-66

"Kühlbadflüssigkeit" Art. No.: 7169
Cooling Bath Liquide

1 Chemical characterising
1,2-Propylene glycol ; 1,2 Dihydroxypropane, miscible with water
CAS-No.: 57-55-6 MG: 76,10
Formula: $C_3H_8O_3$

1.2 Structure fluid
1.3 Color without
1.4 Smell characteristic

2 Physical and Safety data

2.1 Melting point -20° C
Boiling point 140° C

2.2 Density (20° C) 1.02 g/cm³
2.3 Vapour pressure (20° C) round 0.2 mbar
2.4 Viscosity dynamical (20° C) 30 mPa*s
2.5 Solubility in Water (20° C) miscible
2.6 PH-Value at 100 g/l H₂O (20° C) 06. Aug
2.7 Flamme point 300° C
2.8 Ignition temperature 1200° C
2.9 Explosive limits 9-36 by vol. %
2.10 Thermal decomposition above boiling point
2.11 Dangerous products of decomposition none
2.12 Dangerous reactions with oxidation materials; in vapour-/gas Status with air possible to explode
2.13 Additional data hygroscopic

3 Transport

GGVSee/IMDG-Code IACO/IATA-DGR
GGVE/GGVS ADNR
UN-No. RID/ADR
Other statements Not subject to transport regulations.

4 Regulations

Symbol according to dangerous goods instructions and EC-Directions:

Symbol	-----	Indication	-----
R-phrases	-----	S-phrases	-----
BAT:	-----	TKR:	-----
WGK:	0 (generally not water endangerous goods)		
VbF:	-----		
Data sheet BG - Chemistry:	M017 Solvent		
Swiss poison code:	F		

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5 Safeguard, Storage and Handling

5.1 technical Protection: Storage at +6°C up to +8°C. Cover tightly shut in refrigerator
5.2 Personally safety equipment
Breath protection: needed in case of vapour / GAS
Safety google: use safety googles
Skin protection: not needed
5.3 Safeguard and Hygienics Change contaminated clothes, After working wash your hands.
5.4 Fire and explosion protection Vapour is heavier than air. In case of fire building of dangerous vapours possible. With air building of explosive mixture possible.
5.5 Garbage disposal Residues of chemicals are mostly special garbage. Please inform about your local instructions.

6 Emergency Actions

6.1 Pick up spilled liquide with absorbent
6.2 Firefighting recommendations: suitable: water, CO2, foam, powder
not suitable firefighting media: none
6.3 First Aid
Skin contact: Wash with plenty of water
Change contaminated clothes.
Eye contact: With plenty of water rinse while opened eye.
Inhalation: Breathe fresh air
Swallowed: Drink plenty of water.
Initialise spew, call a phisician.
Rinse the stomached.

7 Toxicology

Slight irritation of mucous membrane and eyes In Animal tests acute very slight toxic.
Acute toxide grade: LD₅₀ (oral, rat): > 60000 mg/kg

8 Ecology

For propper handling there is no ecological risk. The biological dismanteling is good.

Biological effects: toxic for water organism
Fisch toxic grade: fisch LC₅₀: > 3000 mg/l/96h.

9 Additional Info

All this data are based on actual knowledge. They are untended to describe the product and the safety handling. They are no guarantee of the property of the described product.