1 Commercial product name and supplier
1.1 Commercial product name / Designation

COOLANT-F

NFPA

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1.2 Application / Use
Anticorrosive

1.3 Producer
BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901
Langenthal, Schweiz, T. +41 (0)62 919 7575

1.4 Supplier
EUROLine Inc.; 5 Old Town Park Road; South End Plaza, Unit 51, New Milford CT 06776, USA
Phone: 860-354-1177; Fax: 860 354-1157
Company Code: J336

1.5 TOX emergency number
USA + Canada: 1 800 424 9300 (Chemetec Chemical Manufacturers Association, Arlington, VA 22209)

1.6 Product No.

2 Composition

2.1 Chemical characterization
Alkanolamines salts
Biocides

2.2 Hazardous components

| CAS No. 95154-01-1 |
15-20 % (2-Benzothiazolylthio) succinic acid
Xi: Irritant. R43: May cause sensitisation by skin contact.

2.3 Further information
All ingredients of the product are listed on the TSCA Chemical Substances Inventory and the Canadian Domestic Substances List.

3 Hazards identification
May cause sensitisation by skin contact. Irritating to eyes and skin.
4 First aid measures

4.1 Eye contact  
Flush eyes with plenty of water.

4.2 Skin contact  
Remove residues with soap and water.

4.3 Ingestion  
Do not induce vomiting. Do not take in resorption stimulating agents.

4.4 Inhalation  
Take into fresh air.

4.5 Further information

5 Fire-fighting measures

5.1 Suitable extinguishing media  
Water fog, carbon dioxide, foam, dry chemicals.

5.2 Extinguishing media to avoid  
None known.

5.3 Flash point  
Not applicable.

5.4 Ignition temperature

5.5 Explosion limits  
Lower:  
Upper:  
not explosive

5.6 Further information  
This product is not flammable due to the high water content.

6 Accidental release measures  
Do not allow to flow off into the drains or waters.  
Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

7 Handling and storage

7.1 Handling  
No specific requirements.

7.2 Industrial hygiene  
Avoid eye and skin contact.

7.3 Storage  
Follow regulations for storage of water hazarding products.  
Avoid freezing.

7.4 Place of storage  
Store containers closed and protect against rain, dust, heat and other atmospheric influences.

7.5 Fire- and explosion-protection  
No specific requirements

8 Exposure controls / Personal protection

8.1 Technical measures  
No specific requirements.

8.2 Control of threshold limits
8.3 Personal protective equipment

8.3.1 Respiratory protection
None required.

8.3.2 Hand protection
Rubber gloves.

8.3.3 Eye protection
Use safety glasses.

8.3.4 Other

9 Physical and chemical properties

9.1 Appearance
liquid

9.2 Colour
yellow fluorescent

9.3 Odour
characteristic

9.4 Change of physical state
Boiling point
212 °F

9.5 Density
1.155 g/cm³ (20°C)

9.6 Vapour pressure

9.7 Viscosity
<3 mm²/s (40°C)

9.8 Solubility
in water
miscible in all proportions

9.9 pH
8.4 - 8.6

in 50 g/l water at 20 deg.C.

9.10 Further information
10 Stability and reactivity
10.1 Thermal decomposition
Non, when used in accordance with regulations.

10.2 Hazardous decomposition products
None under normal conditions of storage and use.

10.3 Hazardous reactions
No hazards known.

10.4 Further information

11 Toxicological information
11.1 Acute toxicity
The estimated oral LD50 for rats is >2000 mg/kg.
EXPOSURE LIMITS: OSHA regulation 29 CFR 1910.1048 establishes an exposure limit for Formaldehyde: TWA (8 hours) = 0.75 ppm. The product contains a Formaldehyde releasing substance. Skin sensitisation may develop from prolonged, repeated skin contact.

11.2 Subacute / Chronic toxicity

11.3 Further information

12 Ecological information
Water Hazard Class (Germany): Class 2 (self assessment): hazardous for water.

13 Disposal considerations
Comply with local and national regulations.

13.1 EU/CH waste key
12 01 09 halogenfree machining emulsions and solutions

14 Transport information
14.1 Transport at land
ADR
RID

UN Number
Kemler Number
Packing Group
Proper shipping name

14.2 Transport at sea
ADNR
IMDG

UN Number
EMS
MFAG
Packing Group
Proper shipping name
14.3 Air transport

ICAO / IATA-DGR
UN Number
Proper shipping name

Passenger airplane
Packing Instructions
max.

Cargo Airplane
Packing Instructions
max.

14.4 Further information
Product is not classified for any mode of transportation.

15 Regulatory information
This product requires classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 National regulations

15.2 NFPA Storage
Class IIIB

15.3 Further information
None.

16 Other information
None.

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.

This safety data sheet has been generated with the safety database 'ChemManager'.
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