

MATERIAL SAFETY DATA SHEET

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Revision nr : 5

Date : 7/7/2004

Supersedes : 12/5/2004

DIGESIL NC CONC**F-704**

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

Company identification : See address below.
Product code : F-704
Trade name : DIGESIL NC CONC.
Use : Industrial.

2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

| Substance name | Value(s) | CAS no | EC no | EC index | Classification |
|--|---|------------|-----------|--------------|-------------------|
| Kerosine : distillates, hydrotreated light | 70 to 80 % | 64742-47-8 | 265-149-8 | 649-422-00-2 | Xn; R65 R66 |
| | <i>Initial boiling point [°C] : 220</i> | | | | |
| | <i>Flash point [°C] : ca 93</i> | | | | |
| | <i>WGK class (Germany) : 1</i> | | | | |
| Dodecylbenzene sulphonic acid | 10 to 30 % | 27176-87-0 | ---- | ---- | Xn; R22 C; R34 |

3 HAZARDS IDENTIFICATION

Main hazards : Causes burns.
Harmful : may cause lung damage if swallowed.

4 FIRST AID MEASURES

- **Inhalation** : Remove victim to fresh air. Allow the victim to rest. If you feel unwell, seek medical advice.
- **Skin contact** : Remove contaminated clothing and shoes. Wash skin thoroughly with mild soap and water. Seek medical advice.
- **Eye contact** : In case of eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Contact ophthalmologist immediately.
- **Ingestion** : DO NOT INDUCE VOMITING. May result in aspiration into the lungs, causing chemical pneumonia. If swallowed, rinse mouth with water (only if the person is conscious). Give water to drink. Obtain medical attention.

5 FIRE-FIGHTING MEASURES

Flammable class : Combustible.
Extinguishing media : Use extinguishing media appropriate for surrounding fire.
- **Not to be used** : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.
Special exposure hazards : When heated to decomposition, emits toxic fumes. Carbon dioxide. Carbon monoxide. Sulphur oxides.
Protection against fire : Self contained breathing apparatus.
Special procedures : Avoid (reject) fire-fighting water to enter environment.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions : Eliminate every possible source of ignition.
Equip cleanup crew with proper protection.
After spillage and/or leakage : Dike for recovery or absorb with appropriate material.
Use non-corrodable disposal containers.
Flush with plenty of water.

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7 HANDLING AND STORAGE

- Storage** : Keep only in the original container in a cool, well ventilated place.
Keep container closed when not in use.
Keep in flameproof area.
- Storage - away from** : Open flame.
Strong oxidizing agents.
- Handling** : Avoid contact with skin and eyes.
Do not breathe vapours.
In case of insufficient ventilation, wear suitable respiratory equipment.
Transfer pumps must be equipped with explosion-proof drives.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection** : Local exhaust and general ventilation must be adequate to meet exposure standards.
In case of insufficient ventilation, wear suitable respiratory equipment.
- Hand protection** : Wear suitable gloves resistant to chemical penetration.
- Skin protection** : If skin contact or contamination of clothing is likely, protective clothing should be worn.
- Eye protection** : Chemical goggles or face shield with safety glasses.
- Ingestion** : When using, do not eat, drink or smoke.
- Occupational Exposure Limits** : Kerosine : distillates, hydrotreated light : TLV-TWA [mg/m³] : 1000
Kerosine : distillates, hydrotreated light : TLV-TWA [ppm] : 150

9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Liquid.
- Colour** : Reddish brown.
- Odour** : Aliphatic hydrocarbons.
- Density [kg/m³]** : 820 to 880
- Viscosity at 40°C [mm²/s]** : < 7

10 STABILITY AND REACTIVITY

- Hazardous reactions** : Under some circumstances, may corrode certain metals, including aluminium and zinc, and generate hydrogen gas.
- Hazardous Polymerization** : Will not occur.
- Materials to avoid** : Some plastics.
Strong oxidizers. Rubber.
- Conditions to avoid** : Heat. Sparks. Open flame.

11 TOXICOLOGICAL INFORMATION

- Inhalation** : May result in aspiration into the lungs, causing chemical pneumonia.
Irritating to eyes and respiratory system.
Vapours may cause drowsiness and dizziness.
- Dermal** : Corrosive.
- Ocular** : Corrosive.
- Ingestion** : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. May result in aspiration into the lungs, causing chemical pneumonia.

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12 ECOLOGICAL INFORMATION

LC50-96 Hour - fish [mg/kg] : > 1000
Biodegradation [%] : 70 After 28 days

13 DISPOSAL CONSIDERATIONS

Disposal : Dispose of this material and its container at hazardous or special waste collection point.

14 TRANSPORT INFORMATION

- UN No. : 2586
- H.I. nr : 80
ADR/RID
- Proper shipping name : ALKYL SULPHONIC ACIDS, LIQUID / ARYL SULPHONIC ACIDS, LIQUID
- ADR Class : 8
- ADR Packing group : III
Hazard Label(s)



: Label 8 : Corrosive substance.

15 REGULATORY INFORMATION

Symbol(s)



R Phrase(s) : Corrosive
: R34 - Causes burns.
: R65 - Harmful : may cause lung damage if swallowed.

S Phrase(s) : S02 - Keep out of the reach of children.
: S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
: S35 - This material and its container must be disposed of in a safe way.
: S36/37 - Wear suitable protective clothing and gloves.
: S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).
: S62 - If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label.

16 OTHER INFORMATION

Further information : Specifications and technical information on the product may be obtained by your dealer.

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