

**Technical Data Sheet**

# DASSIFLU 20

**FLUID suitable for COOLING CIRCUITS****Main Features:**

Product with high quality, formulated with modern inhibiting of corrosion that guarantee a perfect cleaning of the circuit.

DASSIFLU 20 doesn't produce foam, doesn't incrust, doesn't corrode, has antifreeze properties and it is odourless. It is suitable for filling up cooling circuits for electrospindles. It is recommended, every year, to check the PH value that must be between about 8 and 9 and to substitute every 2 or 3 years.

Product in conformity with ASTM D-1384-65T rules.

APPEARANCE:	Blue liquid
ODOUR	None
PH	8 at 20°C
SPECIFIC GRAVITY at 20°C	1,010
FLAMMABILITY POINT	more than 100°C
SYMBOL of DANGEROUS	None
ADR	Not requested
COMPOSITION (Acc. CEE 89/542)	Glycol monoethylene 15-25%, Inhibiting of corrosion, colour (colour index 42090)
BOILING POINT (1.013 bar)	105°C

*Eng. Rev.01, 29/07/02*

# Safety Data Sheet

## DASSIFLU 20

Safety Data Sheet dated 2/12/2002, version 1

### 1. DESIGNATION OF PRODUCT AND COMPANY

Trade name: DASSIFLU 20

Trade code: 008891

Product type and use: Fluid destined to the filling up and the topping up of the cooling plant circuits

Supplier:

Distributed: DASSI srl via La Florida, 13 43036 FIDENZA (PR)

Emergency telephone number of the company and/or of an authorised advisory centre:

Tel:

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

20% - 25% ethanediol

N.67/548/EEC: 603-027-00-1 CAS: 107-21-1 EINECS: 203-473-3

Xn Harmful

R22 Harmful if swallowed.

### 3. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

### 4. FIRST-AID MEASURES

Contact with skin:

Wash with plenty of water and soap.

Contact with eyes:

Wash immediately with water for at least 10 minutes.

Swallowing:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid petrolatum may be administered.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, consult a physician/doctor.

### 5. FIRE FIGHTING MEASURES

Recommended extinguishers:

Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the airways.

### 6. MEASURES IN CASE OF ACCIDENTAL RELEASE

Measures for personal safety:

Use gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

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If the product is in a liquid form, stop it from entering the drainage system.  
Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.  
After the product has been recovered, rinse the area and materials involved with water.

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### 7. HANDLING AND STORAGE

Handling precautions:

Do not eat or drink while working.

Storage conditions:

Instructions as regards storage premises:

Adequately ventilated premises.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Not needed for normal use.

Protection for hands:

Not needed for normal use.

Eye protection:

Not needed for normal use.

Protection for skin:

No special precaution must be adopted for normal use.

Limit of exposition of the substances content:

None

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:	blue liquid
Odour:	None
pH:	8 to 20°C
Boiling point:	105°C
Relative density:	c.a. 1,010
Solubility in water:	Complete

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### 10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

None in particular.

Hazardous decomposition products:

It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), nitrides, and powerful reducing agents.

It may catch fire on contact with oxidising mineral acids, elementary metals (alkalis and alkaline earth), nitrides, organic peroxides and hydroperoxides, oxidising agents, and reducing agents.

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### 11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

The product does not contain toxicologically relevant substances.

ethanedial

HIGH TOXICITY

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