

**EC-Safety Data Sheet  
according to 91/155 EEC**

Date:

Page: 1/4

**1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION**

Trade name	<b>QUINTOLUBRIC N 822-220</b>
Internal code	
Application	Hydraulic fluid
Company/undertaking identification	
Informing department	
Emergency telephone number	

**2 COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical nature of the substance or preparation	Product is a mixture of ester and additives
Hazardous components	Void

**3 HAZARDS IDENTIFICATION**

Information pertaining to particular dangers for man and environment:	Void
---	------

Classification system	The classification is in line with current EC liste. It is expanded, however, by information from technical literature and by information furnished by supplying companies.
-----------------------	---

**4 FIRST AID MEASURES**

General information	No special measures required
After inhalation	Supply fresh air, consult doctor in case of symptoms
After skin contact	Wash with water and soap
After eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor
After swallowing	In case of persistent symptoms consult doctor

## EC-Safety Data Sheet according to 91/155 EEC

Date:

Page: 2/4

### 5 FIRE-FIGHTING MEASURES

Suitable extinguishing media	Foam BC powder ABC powder Carbon dioxide Sand
Extinguishing media which must not be used for safety reasons	Water with a full water jet.
Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases	Carbon monoxide (CO) Under certain fire conditions, traces of other toxic gases cannot be excluded
Special protective equipment for firefighters	Wear self-contained breathing apparatus. Wear full protective suit.

### 6 ACCIDENTAL RELEASE MEASURES

Personal precautions such as:	Prevent skin and eye contact.
Environmental precautions such as:	Do not allow to enter drainage system, surface or ground water.
Methods for cleaning up such as:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to section 13.
Additional information:	No dangerous materials are released.

### 7 HANDLING AND STORAGE

#### Handling

Information for safe handling:	Wash hands before work breaks and at the end of working. Take off contaminated clothing.
Information about protection against explosions and fires:	No special measures required.

#### Storage

Requirements to be met by storerooms and containers:	No special requirements
Information about storage in one common storage facility:	Safety storage temperature 0 - 40 °C
Further information about storage conditions:	None
Storage class according to regulation on inflammable liquids:	Void

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical measures:	No further data; see section 7
Components with limit values that require monitoring at the workplace:	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information:	The lists with limit values that were valid during the compilation of this material safety data sheet were used as basis.

## EC-Safety Data Sheet according to 91/155 EEC

Date:

Page: 3/4

### Personal protective equipment

General protective and hygienic measures:	The usual precautionary measures should be adhered to general rules for handling chemicals
Respiratory equipment:	Not necessary if room is well-ventilated
Hand protection	Protective gloves
Eye protection	Safety glasses
Skin protection	Protective work clothing

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fluid		
Colour	Yellow-amber		
Odour	Characteristic		
	<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
Melting point / Melting range:	-30	°C	
Boiling point / Boiling range:	>350	°C	
Flash point:	280	°C	COC
Flammability (solid, gas):	Not determined		
Ignition temperature:	Not determined		
Autoflammability:	Not determined		
Explosive properties:	Not determined		
Critical values for explosion:	Not determined		
Oxidizing properties:	Not determined		
Vapour pressure:	Not determined		
Relative density at 15°C:	0.909	g/cm <sup>3</sup>	ASTM D 1298
Solubility in water:	Not soluble		
pH-value:	Not applicable		
Partition coefficient (n-octanol/water):	Not determined		
Viscosity kinematic at 40°C:	46	mm <sup>2</sup> /s	ASTM D 445

## 10 STABILITY AND REACTIVITY

Conditions to avoid:	At normal use no circumstances to avoid.
Materials to avoid:	At normal use no substances to avoid.
Dangerous reactions:	At normal use no dangerous reactions.
Hazardous decomposition products:	At normal use no hazardous decomposition products.

## 11 TOXICOLOGICAL INFORMATION

Effects after ingestion:	Unknown
Effects after inhalation:	Unknown
Effects after skin-contact:	Irritation may occur after prolonged contact.
Effects after eye-contact:	Unknown
Sensitization:	No sensitizing effect known.

## EC-Safety Data Sheet according to 91/155 EEC

Date:

Page: 4/4

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### 12 ECOLOGICAL INFORMATION

Persistence and degradability:

Not determined

Behaviour in environmental systems:

Not determined

Mobility and bioaccumulation potential:

Not determined

Ecotoxicological effects:

Not determined

Behaviour in sewage processing plants:

Not determined

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### 13 DISPOSAL CONSIDERATIONS

#### Product

Disposal recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulations.

Remarks:

Product contains organophosphorous compounds.

#### Uncleaned packages

Disposal recommendation:

Disposal must be made according to official regulations.

### 14 TRANSPORT INFORMATION

ADR/RID class:

---

IMDG class:

---

ICAO/IATA class:

---

### 15 REGULATORY INFORMATION

Classification according to EC guidelines:

The product is not subject to classification according to the calculation methods of the General Classification Guideline for Preparations of the EC as issued in the last version.

Symbol and hazard classification of product:

---

Risk phrases:

---

Safety phrases:

---

#### National regulations:

Classification according to VbF  
(German regulation)

Void