

DETERGENT ASE
- MATERIAL SAFETY DATA SHEET -

Detergent as
priming fluid
for piston rod
packing



250 ml

1000 ml

Designation:

Bottle **detergent ASE** 250 ml

Part nbr. **77682 001005**

Bottle **detergent ASE** 1000 ml

Part nbr. **77682 001010**

Material safety data sheet: see from page 2

Replacement for issue of 12.91

Subject to change

Page 01 of 05

Prepared	01.12.99 Stengele
Checked	04.12.99 Kuhn

– TECHN. INFORMATION –

Issued	12.99
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Note protection mark in accordance with DIN 34

Material safety data sheet
in accordance with directive 93/112/EEC

Publication date: 25.02.97

Revised on: 13.03.95

1. Substance/preparation and company name

- Information on the product
- Trade name: Detergent ASE
- Manufacturer/supplier:
RITTER KG
Stendorfer Str. 3
D-27721 Ritterhude
- Information department: Mr. Wiese
- Emergency information:

Tel. : (49) 4292 - 816350

Fax : (49) 4292 - 816359

2. Composition/information on the constituents

- Chemical characterization:
CAS No. designation
91082-17-6 phenol alkylsulfonic acidic ester
- Identification number (s)
- EINECS number: 2937285

3. Possible hazards

- Hazard designation: none
- Special hazard information for humans and environment: none

4. First aid measures

- General information: no special measures necessary.
- After inhaling: provide fresh air
- After contact with the skin:
Immediately wash off with water and soap and rinse well.
- After eye contact:
Rinse the eye out for several minutes with flowing water with the eyelid open.
- After swallowing:
Drink plenty of water and supply fresh air. Call a doctor immediately.

5. Fire fighting measures

- Suitable extinguishing agents: Measures for extinguishing fires should be adapted to the environment.
- Special hazards due to the substance, its combustion products or liberated gases:
When heated or in the case of fire, the formation of toxic gases is possible.
- Special protective equipment:
Carry breathing protection equipment that is independent of the environmental air.
Wear a full protection suit.

6. Measures in the event of unintentional release:

- Precautionary measures related to personnel: Not necessary.
- Environmental protection measures:
Do not allow discharge into the drains or sewers.
- Procedure for cleaning/absorbing:
Absorb with liquid-binding agents (sand, kieselgur, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to point 13.

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7. Handling and storage

- Handling:
- Information on safe handling:
Keep the containers tightly shut.
- Make sure that the work place is provided with good ventilation/extraction.
- Information on protection against fire and explosion:
- No special measures necessary.
- Storage:
- Requirements for storage space and containers: Keep in a cool place.
- Information on combined storage: not necessary
- Other information on storage conditions:
- Protect against heat and direct sunlight.

8. Exposure limits and personal protection equipment

- Additional information on organizing technical installations:
No other information, see point 7.
Constituents with limit values related to the work place which have to be monitored:
Not applicable
- Further information:
The lists valid for production provide the basis.
- Personal protective equipment:
- General protective and hygiene measures:
Normal precautionary measures for handling chemicals should be observed.
- Breathing protection: not necessary.
- Hand protection: Protective gloves.
- Eye protection: When decanting protective goggles are recommended.
- Body protection: not required.

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9. Physical and chemical properties

- Form: liquid
- Colour: bright yellow
- Odour: odourless

	Value/range unit	Method
- Change in state		
- Melting point/melting range:	< -15 °C	ISO 3016
- Boiling point/boiling range:	approx. 200 °C	13 hPa
- Flash point:	210-240 °C	ISO 2592
- Ignition temperature:	425 °C	DIN 51795
- Decomposition temperature:	200 °C	
- Explosions hazard:	The product does not represent an explosion hazard.	
- Vapour pressure: at 20 °C	0.0001 mbar	
- Density: at 20 °C	1.04-1.07 g/cm ³	DIN 51757
- Solubility in/miscibility with water: at 20 °C	0.002 g/l	
- Viscosity: dynamic: at 20 °C	100-150 mPas	DIN 53015

10. Stability and reactivity

- Conditions to be avoided:
No decomposition if used as intended.
- Dangerous reactions: no dangerous reactions known.
- Dangerous decomposition products:
Carbon monoxide and carbon dioxide
Sulfur dioxide

11. Information on toxicology

- Acute toxicity:
- Classification-relevant LD/LC50 values:

Components	Type	Padding	Species
Phenol alkyl sulfonic acid ester	Oral	> 2000 mg/kg	Rat
- Primary irritation action:
 - on the skin: no irritation action
 - at the eye: no irritation action
- Sensitization: No sensitization action known
- Additional toxicological information:
When properly handled and used as intended, the product has no adverse effect on health according to our experience and the information available to us. The substance is not subject to any identification obligation on the basis of EU lists in the most recent version.

12. Information on ecology

- General information:
Water hazard class 1 (list classification) : weak hazard for water

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13. Information for disposal

- Product:
- Recommendation:
Special treatment must be taken in accordance with the official regulations.
- Refuse key number: 57201
- Unclean packages:
- Recommendation: Disposal according to the official regulations.

14. Transport regulations

- Overland transport: ADR/RID:
- ADR/RID-GGVSE class: -
- Marine transport IMDG/GGVmarine:
- IMDG/GGVmarine class: -
- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA class: -

15. Regulations

- Identification in accordance with EEC directives:
The substance is not subject to the obligation to identify it according to EU lists or other literature sources known to us.
The product is not subject to the obligation to identify it according to EU directives /GefStoffV.
Precautionary measures usual for handling chemicals should be observed.
- National regulations:
- Water hazard class:
WGK 1 (list classification) : weak water hazard.

16. Other information:

This is the material safety data sheet of a pre-supplier. This information only describes the safety requirements of the product and are based to our best knowledge on the latest state of the art. However, they do not provide any guarantee of the properties of the product in terms of liability and warranty and have no binding nature.