



TRIDENT

Product name

TRIDENT

Manufacturer

CWFIRE-SUPPORT GmbH
Sprudelallee 14
63628 Bad Soden Salmünster

Product description

Aqueous product made from surfactants and a dibasic alcohol.
Additional concentrate for water for extinguishing purposes of fire classes A, B and pyrotechnics with the P 3,5.

Characteristics

TRIDENT is an aqueous solution based on surfactants, glycerine and biocide.

Composition on the concentrate (in weight):

- Water content: > 80%
- Surfactants: see safety data sheet

Product characteristics

TRIDENT is an extinguishing agent additive with the following advantages:

- Very high cooling effect
- Reduction of surface tension
- stable foam carpet
- Reaction with free radicals

Application

Fire class A: Proportioning rate 0,2% to 1%

Fire class B: Proportioning rate 3%

TRIDENT is particularly suitable, for example, for wood, rubber tires, paper, hay, straw, carbon, fiberglass and non-polar solvents.

Compatibility with other extinguishing agents

TRIDENT must **not** be mixed with other products.

Compatibility with extinguishing foams

TRIDENT is also compatible with other pre-expanded extinguishing foams.

Powder compatibility

TRIDENT is suitable for combined use with foam-compatible powder.

Storage

TRIDENT can be stored in closed original containers for 10 years.

Storage temperature -10° to 50° C

High temperatures up to 50 ° C affect the effectiveness as little as temporary freezing.

Admission

The fire extinguishing agent TRIDENT is approved for use in fire classes A and B burning water.

KB 201/17

TRIDENT Product specifications

Water hazard class: 1

PH value: 7,3

biodegradability: Lightweight and fast biodegradable.

The biodegradability according to OECD 301 F results in a degradation rate of about 95.6% after 28 days.

Surface tension mN/m: ca.20

Density: 1,01 – 1,05 (bei 20 °C)

Solubility in water at 20°C: Completely

Frost point: -10°C

Frost damage: No

Lowest operating temperature: -5°C

Colour: Berin stone

Smell: neutral

Delivery container

- 20 liter
- 1000 liter

Special instructions: If TRIDENT is used as intended, no health impairments are to be expected.

Extinguishing exercises must be coordinated with the local authorities. When spraying people with heavy or medium foam, it should be noted that there is no possibility of breathing in the foam.

Further information on health hazards and environmental compatibility can be found on our safety data sheet.

Further product information can be found on the Internet at: <http://www.cwfire-support.de>

If you have any questions, please do not hesitate to contact our office:

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