



COSHH Risk Assessment

MD098

SUBSTANCE INFORMATION

Substance/material: [Firefighting foam concentrate](#) Trade name: [Centriffoam A936](#)

What is the substance used for? [Fire Extinguishing Agent](#)

(E.g. cleaning floors, protective coating, etc.)

What are the hazardous ingredients/chemicals in the substance? (List below)

[2-methyl-2,4-pentanediol CAS No. 107-41-5](#)

[2,2',2''-\(hexahydro-1,3,5-triazine-1,3,5-triyl\)triethanol CAS No. 4719-04-4](#)

[2-Aminoethanol CAS No. 141-43-5](#)

Do any of the chemicals have a:

Workplace Exposure Limit? (State opposite)

[2-methyl-2,4-pentanediol \(IOLEV TWA 123 mg/m3, STEL 123 mg/m3\)](#)

[2-Aminoethanol \(IOLEV TWA 2.5 mg/m3, STEL 7.6 mg/m3\)](#)

Is the substance: (Check for an orange 'CHIP' square on the product data sheet or packaging.)

- | | | | |
|---|-------------------------------------|---|--|
| <input type="checkbox"/> Extremely flammable? | <input type="checkbox"/> Oxidising? | <input type="checkbox"/> Very toxic? | <input type="checkbox"/> Sensitising? |
| <input type="checkbox"/> Highly flammable? | <input type="checkbox"/> Harmful? | <input type="checkbox"/> Corrosive? | <input type="checkbox"/> Other? (Specify below.) |
| <input type="checkbox"/> Flammable? | <input type="checkbox"/> Toxic? | <input checked="" type="checkbox"/> Irritant? | |

Is the substance hazardous to health when:

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> In contact with skin? | <input checked="" type="checkbox"/> Breathed in? | <input type="checkbox"/> Other (Specify below) |
| <input checked="" type="checkbox"/> In contact with eyes? | <input checked="" type="checkbox"/> Swallowed? | |

USE OF SUBSTANCE

How should the substance be used? [Foam sprayed on to fire from Fire Extinguisher nozzle](#)

(E.g. diluted in water, applied with a brush, sprayed, etc.)

How much is used every week? [Not known at this time](#)

(State quantity in litres or kilos as appropriate.)

Who is exposed to the substance? [Those using it](#)

(E.g. those using it, pupils, service users, etc.)

Does the substance present additional risks to certain groups or individuals?

(E.g. young people, expectant mothers.) [No](#)

CONTROL MEASURES

Can a less hazardous substance be used to do the same job?

Yes

No

(If you don't know, please contact your supplier for further information.)

What controls are required for this substance, other than Personal Protective Equipment (PPE)?

(E.g. well ventilated areas, not in spray/mist form, mechanical ventilation, authorised persons only.)

[Use of gloves, goggles and protective clothing is recommended.](#)

Is any Personal Protective Equipment (PPE) required when using the substance?



Eye protection? ([Chemical goggles or safety glasses](#))



Gloves? ([Wear protective gloves](#))



Overalls/clothing? ([Wear suitable protective clothing](#))



Mask/respirator? ([In case of insufficient ventilation, wear suitable respiratory equipment](#))



Other? ([Wear thermal protective clothing, when necessary](#))

How should the substance be stored?

Store in original container. Keep container tightly closed. Store at temperatures not exceeding 60 C. Protect from freezing.

Please turn over

Have persons using this substance been provided with information or training on its use? Yes No
(As a minimum ensure a copy of this assessment is in a known and readily accessible location.)

OTHER PRECAUTIONS AND EMERGENCY PROCEDURES

Spillages: How should an accidental release/spillage of this substance be dealt with?

Washing of any spillages into drains should be avoided. Absorb spillage with clay or diatomaceous earth and transfer to containers for safe disposal.

First aid: What actions should be taken if the substance is:

a) Swallowed? Rinse mouth with water and give plenty of water to drink. Do not induce vomiting. If symptoms persist seek medical advice and treat symptomatically.

b) In contact with eyes? Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

c) In contact with skin? Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

d) Inhaled? Allow victim to breathe fresh air. Allow the victim to rest.

e) Other? (Please specify.)

Fire precautions: What actions should be taken in the event of fires involving this substance?

No specific measures required as this product is a fire extinguishing medium. If product containers are involved in fire then suitable extinguishing media should be applied.

Chemical reactions: Is there any other substance that this substance must not come into contact with?

The product is stable and non reactive under normal conditions of use, storage and transport.

Disposal: How should the substance be disposed of (or not disposed of)?

Dispose of surplus product or contaminated packaging according to local and national legislation. Do not dispose with water reactive materials.

Health surveillance: Do staff using the substance require any health surveillance?

No

ASSESSMENT OF RISK

Are all the controls detailed above currently in place? Yes No

If these controls are not in place, or additional controls are required, state action to be taken.

Please note - COSHH substances must **NOT** be used if adequate control measures are not in place.

Remedial actions required	Date for completion

Are hazards to health adequately controlled with all control measures in place? Yes No

Assessor(s) name: Chris Ogden	Assessor(s) signature: Chris Ogden	Date: 01/01/17
The Line Manager should sign below to show that the assessment is a correct and reasonable reflection of the hazards and of the control measures and actions required.		
Line Managers name:	Line Managers signature:	Date:
Remedial actions complete: (Date)	Line Managers signature:	Reviewed on:

A copy of the product safety data sheet must be attached to this assessment.