

# Product information

## Auxiliaries

### FEATURES

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- Foaming agent
- Anionic
- Biodegradable

### COMPOSITION

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- Surfactants



## CHEMSURF H38

Formulated with special natural polymers and biodegradable anionic surfactants, it produces very stable foams and can be used with both clean and salt water, even with high hardness. Injectable into any type of soil, it prevents clay agglomeration and obstructions in the shield and excavation chamber of EPB machines. Characterized by good lubricating properties, it reduces the friction between the ground and the excavation equipment, increasing its efficiency. Effective against dust, it finds application in excavations in coal mines. Quickly biodegradable and non-polluting for the environment.

### APPLICATIONS

- Soil treatment during mechanized excavation with EPB machines.
- Excavations in coal mines.

### TYPICAL PROPERTIES

This data does not constitute the Product Sales Specifications. The values indicated refer to typical properties and are not to be understood as extreme minimum or maximum values. They do not constitute a guarantee of product conformity and do not relieve the buyer from the need to test the suitability of the products before use or placing them in his production cycle. Please contact your local sales representative to obtain the product specifications.

Property	Unit	Value
Appearance		Liquid
Color	visual	Colorless
Density	g/ml	1.02 – 1.06
Viscosity	mPa.s	5 – 15
pH (solut. 0.5%)		6 – 8
Solubility		Soluble in water
Biodegradability	%	>70

### USE

Shake well before use! Dilute the product with water in a concentration of 1.5-4.0% by weight, depending on the excavation conditions and the type of soil. Check the foam expansion values on site according to the ratio between the injected foam and the excavated material, according to the different pressure conditions. As a guideline, we suggest the:

- foaming agent for EPB: 1.5-3.0% (below the water table: 3.0-4.0%).
- Agent against dust: 4.0-5.0%.

### HANDLING PRECAUTIONS

The information for a correct and safe handling of the products is contained in the safety data sheet. Consult the safety data sheets before use for complete information on the risks to health and the environment and for the suitable protective devices to be adopted. Share the safety data sheets with all staff involved in the use of the products.

### USABLE LIFE - STORAGE

Store in the original sealed packaging at a temperature between +5°C and +35°C. Protect from frost! Be sure to close containers tightly after use. Follow the provisions relating to industrial hygiene

and waste disposal. Kept under the specified conditions, this product has a shelf life of 6 months.

## **PACKAGING**

1000kg tanks.

## **LIMITATIONS**

This product is neither tested nor represented as suitable for food contact, skin contact or medical uses.

## **LIMITED WARRANTY**

The information contained in this document is offered in good faith based on Chemix research and is believed to be accurate. However, as the conditions and methods of use of our products are beyond our control, this information should not be used as a substitute for the tests that customers must first perform to ensure that Chemix products are fully satisfactory for their specific applications. The warranty is only applicable to the values indicated in the Product Sales

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