



**Dr. STHAMER HAMBURG**



# **STHAMEX<sup>®</sup> -ultraWet**

*wetting agent concentrate*

**STHAMEX<sup>®</sup>-ultraWet** is a wetting agent based on synthetic, surface active components. Used as fire water additive the wetting effect of STHAMEX-ultraWet is considerably higher than conventional foam concentrates at the same concentration. The STHAMEX-ultraWet solution penetrates the surface of materials which are difficult to wet quickly and thoroughly. The use concentration of only 0.1% reduces the environmental impact and allows for a rapid and complete bio degradation.



[www.sthamer.com](http://www.sthamer.com)



# STHAMEX<sup>®</sup> -ultraWet wetting agent concentrate

## Properties

- extinguishes without foaming
- improves the wetting properties of fire water
- lowers the surface tension of water
- very low induction rate
- highly efficient with minimal storage requirements
- environmentally compatible

## Application

- additive to fire water for class A fires with all standard branch pipes, monitors and portable extinguishing units
- especially for use with helicopter buckets (non foaming) and fixed wing air tankers
- for deep seated fires and recycable materials; in coal mining, power generation, paper and wood industries
- for use on wild fires i.e. forest, grass and woodlands
- dust suppression in the demolition industry

Product	STHAMEX-ultraWet
Induction rate	0.1%
Frost resistance	- 25 °C
Viscosity 20 °C	≤ 25 mm <sup>2</sup> /s
0 °C	≤ 50 mm <sup>2</sup> /s
min. use temperature	≤ 200 mm <sup>2</sup> /s
Application	Fire water additive for solid materials, e.g. textiles, cotton, paper, wood shavings, coal dust, straw etc.
Environmental compatibility	STHAMEX-ultraWet is fluorine free, physiologically harmless and fully biodegradable.



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