

Product Data Sheet

CasTech L-63

Nov-2025, Ver. 01.01



Polyether-Based Defoamer for Concrete Admixtures

DESCRIPTION

CasTech L-63 is a polyether-based nonionic surfactant and an efficient foam control agent, owing to its low foam characteristics, inverse water solubility, high thermal and chemical stability and good steric stabilization.

In the admixture industry, **CasTech L-63** is used to control foam and reduce entrapped air. Its low surface tension also makes it an efficient low-foam wetting agent in water treatment, food processing, cleaning-in-place (CIP) and metal working formulations.

USES

- Admixture industry - concrete admixture manufacturing
- Paper manufacturing
- Food processing
- Textile industry
- Water treatment

ADVANTAGES

Key advantages:

- High efficiency: highly effective in reducing foam even at low dosages, making it cost-effective
- Chemical stability: withstands harsh conditions such as high temperature and high pH
- Compatibility: compatible with a wide range of chemicals and additives used in different formulations
- Environmental friendliness: non-toxic, non-flammable and non-corrosive
- Versatility: suitable for use in various industries

TYPICAL PROPERTIES

Appearance	Clear Viscous Liquid
Specific Gravity	1.124
Solid Content	99.0%
pH	5 ± 1

Manufactured and distributed under ISO 9001:2015 standard.

DOSAGE

The optimal dosage of **CasTech L-63** depends on the specific process, the amount of foam being produced and the other chemicals and additives used. Generally, the dosage is in the range of 0.001% to 1.0% by weight, although it can vary depending on the circumstances. Trials are recommended to establish the optimum dosage.

PRECAUTIONS

Health & Safety:

CasTech L-63 is non-toxic, non-flammable and non-corrosive. Suitable protective gloves and goggles should be worn. Splashes to the skin or eyes should be washed immediately with water and medical advice sought. Refer to the Material Safety Data Sheet for further information.

STORAGE

- Store in cool conditions, away from direct sunlight
- Keep containers sealed when not in use
- Recommended storage temperature 15 to 45°C
- Shelf life is two years from date of manufacture

PACKAGING

CasTech L-63 is delivered in 200 L drums.

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TECHNICAL SUPPORT

CasTech offers a full technical support package to specifiers,

contractors and end users, as well as technical assistance on site and after-sales consultations.

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