



TECHNICAL INFORMATION

Reducing Agents

BRUGGOLITE® L40

Reducing agent for the emulsion polymerisation

Chemical Characterization

BRUGGOLITE® L40 is a stabilized, aqueous solution of sodium hydroxymethansulfinate.

Properties

Appearance	Colourless liquid
Density	1.26 g/cm ³
Concentration	40 %
Alkaline resistance	good
Acid resistance	decomposition
Odour	slight product specific odour

Health and Safety Data

Safety data and information can be taken from the Material Safety Data Sheet

General Description

BRUGGOLITE® L 40 is used as reducing agent in initiator systems in the main or post polymerization of various emulsion polymers.

Depending on the redox-system these reactions can be performed under acidic-, neutral- or alkaline pH-conditions.

In some systems the addition of iron-(II)-salts as catalysts for the redox reaction is beneficial. The need of the iron-salt addition has to be tested on a case by case basis.

In general the reactivity of Brüggolite®L40 is higher under acidic conditions

Typical Application

BRUGGOLITE® L 40 is used for manufacturing or post polymerization of various emulsion polymers.

Recommendations according food contact

Details about Food contact recommendations according to 2002/72/EC and FDA are available on request.

Package and storage

125 kg plastic drum
1250 kg plastic containers

If properly stored (25°C/dry) in the sealed original container, the shelf life of BRUGGOLITE®L40 is at least 6 months. BRUGGOLITE®L 40 must not be stored together with acids or oxidizers.

Technical Information Bruggolite L40

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