## Brüggemann Chemical

**TECHNICAL DATA SHEET** 

## **BRUGGOLITE<sup>®</sup>E01 - POLYMERIZATION**

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Chemical Characterization	Bruggolite <sup>®</sup> E01 contains sodium hydroxymethanesulfinate as active ingredient	
Properties	Appearance: Concentration: Solubility in water: Alkaline resistance: Acid resistance: Odor: HS-Code:	White powder or granules ≥ 98% 600 g/l (20°C) Good Decomposition Slight product specific odor 28 31 10
General Description	<b>Bruggolite<sup>®</sup>E01</b> is used as reducing agent in initiator systems for the main or post polymerization of various emulsion polymers.	
Application	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 iron-salt addition has to be tested on a case by case basis. In general the reactivity of <b>Bruggolite<sup>®</sup>E01</b> is higher under acidic conditions.	
Recommendations according food contact	Details about food contact available on request.	recommendations according to EC 10/2011 and FDA are
Storage and Stability	In unopened packaging BrüggemannChemical guarantees a shelf life of at least 12 months if stored properly (25°C / dry). <b>Bruggolite<sup>®</sup>E01</b> must not be stored together with oxidizing substances or acids. Opened packaging, especially laboratory samples, should be closed tightly after use and stored under cool and dry conditions.	
Standard Packaging	Bruggolite <sup>®</sup> E01 is supplie bags/1000 kg on a CP-1 pa	d in 25 kg PE bags. Standard delivery form is 40 allet.
Health and Safety Data	risks related to chemical agent which meets the cri reason an assessment o	the protection of the health and safety of workers from the gents at work <b>Bruggolite</b> <sup>®</sup> <b>E01</b> is not defined as a chemical teria for classification as a dangerous substance. For this f the risks is required. However, this does not a priori <b>301</b> will fall within the definition "hazardous chemical agent"

## **REDUCING AGENTS**

	<ul> <li>according to Article 2 b of 98/24/EC. Therefore the actual situation at the workplace has to be determined. Further information is given in the corresponding safety data sheet which is available on request. In any case the standard industrial safety and hygiene procedures when handling chemicals have to be observed.</li> <li>The aforementioned remarks are deducted from the European legal system. Deviating or additional regulations in other legal systems must be observed accordingly when using the product.</li> <li>Safety data and information can be derived from the current Material Safety Data Sheet.</li> </ul>
Additional Information	We offer a wide range of other <b>Reducing agents</b> for different applications. For more detailed information please contact our Customer Service Department (Phone +49 7131 1575-0 or http://www.brueggemann.com)
Integrated Management System	<ul> <li>PrüggemannChemical, L.Brüggemann KG, Heilbronn, Germany, manufactures this product under the following certificates and assessments:</li> <li>DQS certified management system ISO 9001:2008 (CertRegNo. 001499 QM08 UM)</li> <li>DQS certified management system ISO 14001:2004 + Cor. 1:2009 (CertRegNo. 001499 QM08 UM)</li> <li>DQS attested energy management system ISO 50001:2001(CertRegNo. 001499EMSt)</li> <li>BG-RCI certified occupational health and safety management system (RegNo. RCI 08-010-17-11)</li> <li>EcoVadis attested principles of sustainability</li> </ul>

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