



Specification

Concerning Product:	
Article number	7704349LTQ50
Trade name / designation / denomination	Kolloidschwefel 50%, flüssig Colloidal Sulfur 50%, liquid
CAS number	7704-34-9
Other names / synonyms	•sulfur; •sulfur, precipitated, sublimed or colloidal;
EC number	231-722-6
EC index number	016-094-00-1
Molecular weight [g / mol]	32,07

Parameter	Specification	Unit
Organoleptic test		
Appearance	Colloidal Sulfur 50 % is a very fine wet-milled Sulfur with a dispersing agent and is particularly suitable for the production of thin and transparent latex films.	
Colour	yellowish	
Physical parameter		
Density	20°C ≤ 1.37	g/cm
Form	viscous dispersion	
pH value	(@ 1%) 9 – 11	
Boiling range	≤ 100	°C
Solubility	in Water: insoluble in Acetone: soluble	
Elemental Impurities		
Sulfur (S)	50 – 54	%
Particle size distribution		
Particles	≤ 5	µm

Supplemental information:

Derivation: sulfur dispersion in water

Note: Sulfur sediments originated during storage can be re-suspended by stirring or shaking.

Storage conditions: In original closed containers under cool (approximately 25 °C) conditions 365 days from date of production.

Packing: 60 l (82.8 kg) HDPE hobbock on 496.8 kg skid.

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 17. Feb. 2021

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.