

Perkacit® SDMC

COMPOSITION: *Sodium - dithiocarbamate*

Perkacit® SDMC is a chemical used in the water treatment industry for heavy metal sequestration.

Perkacit® SDMC is used as a complexing agent for treatment of heavy metal ions in waste water streams from galvanic and metal coating/finishing industries as well as power stations and incinerators.

Perkacit® SDMC allows the user to meet the most stringent metal discharge requirements for wastewaters, even treating strongly chelated or complexed metal streams. Heavy metals that can be separated by using dithiocarbamates as precipitating agents include lead, cadmium, copper, nickel, mercury, silver, zinc and tin.

Dosage rates depend on the level of metal-ions in the waste water streams.

Other dithiocarbamates such as Perkacit® SDEC and Perkacit® SDBC might be used in more specific effluent streams.

HANDLING PRECAUTIONS

For detailed information on toxicological properties and handling precautions please refer to the current Material Safety Data Sheet. The MSDS can be obtained from your local PA representative or from Performance Additives directly.

STORAGE RECOMMENDATIONS

Store Perkacit® SDMC in a cool, dry and well ventilated area. Avoid exposure of the packed product to direct sunlight.

PRODUCT INFORMATION

Perkacit® SDMC	liq-W41%	
Product form	41% solution in water	
<u>PRODUCT SPECIFICATIONS</u>		<u>Test method</u>
Appearance	light yellow liquid	FF97.5
Colour (Gardner) (Gardner) max.	3	FCol83.3
Assay (%)	40.0-42.0	FJo83.4
pH-Value (1% aqueous solution)	9.5-10.5	FF91.3
<u>TYPICAL PROPERTIES</u>		
Density at 20 °C (kg/m ³)	1170-1190	