



Tiarco Chemical Europe GmbH



TRCC Europe GmbH

# Technical Data Sheet

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## OCTOPOL SDM-40-TE

**CHEMICAL DESCRIPTION:** Sodium dimethyldithiocarbamate  
CAS: 128-04-1  
EINECS: 204-876-7

**PHYSICAL FORM:** organic salt in an aqueous medium

### SPEZIFICATION (TYPICAL PROPERTIES)

Activity:	39.0 - 41.0 %
Density:	1.14 - 1.20
pH:	9.5 – 11.0
Alkalinity:	≤ 0.50 %

### PRODUCT DESCRIPTION:

Octopol SDM-40 TE is recommended to the synthetic industry for use as a polymerization shortstop ingredient in copolymerization of butadiene, styrene, and neoprene. Octopol SDM-40 TE is also used for reducing or recovering soluble metal concentrations in wastewater generated in plating and etching operations. It may be used in conjunction with other flocculating systems, where it is generally used in the final stages of the treatment process where soluble metal concentrations need to be below 1 ppm.

All ingredients used to produce this product are listed on the TSCA inventory and the Canadian, DSL.

### STORAGE AND HANDLING:

Stainless steel, fiberglass, PVC, polyethylene, neoprene, polypropylene, hypalon and teflon are suitable for pumps, lines and tanks. Storage in mild steel will discolor product because of iron content. Copper, brass and aluminum should be avoided. Octopol SDM-40 TE is available in bulk, 55 gallon non-returnable drums or 275 gallon tote bins. Containers should be kept tightly closed; avoid direct sources of heat or sunlight when possible. Make sure the part drum is used quickly and that all stock is rotated on a first-in, first-out basis.

Protect from freezing. Shelf life expected one year from date of shipment provided the material is stored at proper temperatures and containers remain tightly closed. Unopened containers can be stored for up to 12 months. Storage below 40 degrees F. should be avoided, as some crystallization of the active ingredient can occur.

Octopol SDM-40 TE is a 40% water solution with an alkaline pH. For this reason, it should not be used in acid systems, where decomposition may occur. Do not apply to potable water systems, or to flume or washing systems where enzymes or bacteria are used.

### PACKING:

Available in drums of 200 kg net, IBC of 1.000 kg net or as bulk deliveries (tank container)

### SAFETY:

UN3082, PG III, ADR 9, please refer to Safety Data Sheet

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed.  
Tiarco Chemical / TRCC makes no claims or warranties concerning the suitability of the product for a particular use or purpose.  
Possible patent rights, laws and regulations have to be observed on the recipients own responsibility.

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