



# Technical Data Sheet

## QUREACC®DM 89

Composition	1,3,4-thiadiazole-2(3H)-thione,5,5-dithiobis
CAS No.	72676-55-2
EC No.	276-763-0
Molecular Formula	C <sub>4</sub> H <sub>2</sub> N <sub>4</sub> S <sub>6</sub>
Molecular Weight	299

Property	Unit	Typical Value	Test Method
Appearance	-	Yellow powder	Visual
Nitrogen content	%	17.4 - 19.4	ASTM D 5291
Sulfur content	%	62.0 - 67.0	ASTM D 4927
Density @ 25°C	mg/m <sup>3</sup>	1.6 - 2.10	ASTM D 1817
Melting point	°C	160 min.	ASTM D 1519
Ash content	%	0.3 max.	ASTM D 4574
Heat Loss @ 60-65°C/2 hrs	%	0.3 max.	ASTM D 4571
Fineness, through 100 mesh	%	0.10 Max.	ASTM D 5461
Solubility	-	Insoluble in petroleum oils and water. Soluble in Tetrahydrofuran (THF)	QCD/TM/81

### Application:

QUREACC®DM 89 is an accelerator generally recommended for CR & Chlorobutyl compounds. Suggested usage level is 0.5 - 1.5 phr. For better physical properties, it is recommended to be added after the compound has matured.

QUREACC®DM 89 also functions as cross-linking agent for peroxide-free vulcanization of chlorinated polyethylene (CM) & other saturated halogen-containing elastomers.

### Packing:

Available in 25 Kg paper bags

### Storage stability:

Store in a cool and dry place. Stable for up to 24 months from the date of manufacturing when stored in the original packing material in a cool and dry environment.

### Safety:

Please refer safety data sheet.

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### YASHO INDUSTRIES LIMITED

**REGISTERED OFFICE:** Office No. 101/102, Peninsula Heights, C.D.Barfiwala Marg, Juhu lane, Andheri (West), Mumbai - 400058, India  
TEL : +91 22 62510100/FAX : +91 22 62510199 E-Mail.:[info@yashoindustries.com](mailto:info@yashoindustries.com)

**FACTORY - UNIT II:** Plot No. 1713, Phase III, G.I.D.C., Vapi - 396 195, Gujarat, India TEL.: +91 260 2420896 / 2423896

Although every care has been taken in the completion of the above information & recommendation they are offered in good faith without guarantee.