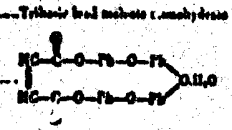
NOTICE: If the film image is less clear than this notice, it is due to the quality of the document being filmed

TRI-MAL®

TRI-MAL, the monohydrated tribasic lead salt of maleic acid, is a soft yellowish-white crystalline powder which is insoluble in water and all other common solvents. It is one of the most basic lead stabilizing materials which can be produced, with a total lead content equivalent to 89% PbO, and an available basic lead content of 66.3%. TRI-MAL is valuable as both a heat and light stabilizer for vinyl plastics, and as a vulcanizing or curing agent for chlorosulfonated polyethylene.

Table of Properties

Composition ..... Tribasic lead maleate monohydrate

Formula ..... 

Molecular Weight 1058

Form ..... Soft crystalline powder

Color ..... Yellowish-white

Refractive Index ..... 2.05 max.

Specific Gravity 6.0

Weight per Solid Gallon ..... 50.0 lb.

Lead Oxide Content, % PbO, average 20

Moisture (loss at 105°C.), % ..... 0.2 max.

Fineness (Retained on No. 325 sieve), % ..... 0.2 max.

Solubility ..... Insoluble in all common solvents

NLC

TRI-MAL®

A Highly Basic Stabilizer for Vinyl Chloride and Curing Agent for Chlorosulfonated Polyethylene

A Product Development of National Lead Company

Continued

NLC

DYTHAL

Tribasic Lead Phthalate General Purpose Heat and Light Stabilizer for Vinyl Plastics

A Product Development of National Lead Company

Continued

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