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**RUBBER CHEMICALS**  
**-ACCELERATORS-**  
**THIOUREAS**

**ACCELERATOR DETU**

**(N, N'-DIETHYLTHIOUREA)**



**PRODUCT DESCRIPTION:**

Accelerator DETU is a non-discoloring, non-staining thiourea for high temperature curing of mercaptan-modified polychloroprenes, EPDM and CIIR. It is used by itself or in combination with an Akrosperse® ETU-22 dispersion for continuous curing of solid and cellular extruded goods. (e.g. car door and boot seals cured at 180°-250°C. in fluidized beds or molten salt baths) and in hot air cures. DETU is faster curing than ETU and has also been found to act as a retarder in clay-loaded peroxide-cured stocks.

**TYPICAL PROPERTIES:**

Appearance.....	off-white flakes
Specific Gravity .....	1.10
Melt point.....	74°C (166°F)
Solubility.....	isopropanol
Availability.....	special order

**SAFETY CONCERNS:**

See MSDS for information concerning the possible carcinogenic nature and ecological restrictions of DETU. Note also that hot vapors containing this product may cause severe eye irritation.

**CHEMICAL DISPERSIONS:**

Accelerator DETU is also available as Akroform® DETU PM (75). This polymeric masterbatch contains 75% Accelerator DETU and has a specific gravity of 1.10.

Polymer bound or encapsulated dispersions are a proven means of upgrading plant safety, efficiency, quality & raw material control.

Akrochem polymer bound or encapsulated dispersions eliminate any irritating dust, as well as other potential hazards in handling powders in the plant. The physical form is easy to handle and weigh accurately. As a dispersion, better uniformity of the mix at low process temperatures are possible.

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