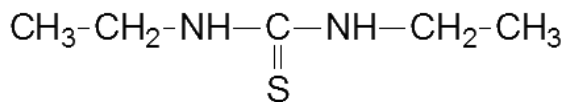


## DETU (Thiourea Accelerator, Antidegradant and Corrosion Inhibitor)

- **DIETHYL THIOUREA**
- **C<sub>5</sub>H<sub>12</sub>N<sub>2</sub>S**
- **Molecular Weight: 132**
- **CAS: 105-55-5**
- **EINECS: 203-308-5**
- **REACH registration: 01-2119974271-37-0000**



PRODUCT	Minimum purity* (%)	Melting point (°C) min*	Specific gravity	Natural color	Remarks
DETU CR	98	76	1.1	White**	Advisable for rubber and non-rubber applications

CR: Crystals

\*Typical values / \*\* Depending on natural variation of DETU

### PROPERTIES

Ultra-accelerator for mercaptan-modified CR (1-3 phr). It has a vulcanization behaviour similar to that of ETU and DBTU.

It is also used as a secondary accelerator for NR and synthetic rubbers.

It improves silanization process specially in green tire too.

It is used as accelerator for acrylic adhesives.

It disperses easily in rubber. It is non-staining and does not bloom.

It is usually used as an anticorrosive agent for prevention of metallic surfaces against strong mineral acids as sulfuric (sulphuric pickling of metal). It is ashless no staining product

### APPLICATIONS

- General rubber goods: wire and cable, low temperature cured moulded parts, extruded profiles, footwear etc.
- Non-rubber: lubricants, metal treatment, inks.

### PACKAGING & STORAGE

Paper bag weight: 20 kg net  
Standard CP1 pallet: 500 kg net

Shelf-life: 1 year in its original packaging

DETU is highly susceptible to clumping over time. It is very important to ensure that it is stored in its original packaging in a dry and cool place, away from direct sources of moisture, heat and sunlight.

### SAFETY & TOXICITY

For detailed information, please refer to our Material Safety Data Sheet.

### NITROSAMINE FREE

*DETU is also available in masterbatch form, under the MIXLAND+® brand name, offering a reduction of industrial hygiene problems and different technical benefits*

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

Issued 12 dated February 2022

TECHNICAL DATA SHEET

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ARKEMA

# DISCLAIMER FOR MEDICAL DEVICE POLICY

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The product described in the brochure is not Medical grade designated for Medical Device applications.

**Arkema general Medical Devices Policy**

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