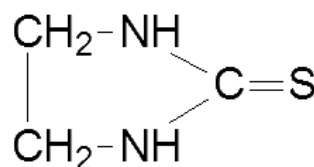


ETU (Thiourea Accelerator & Corrosion Inhibitor)

- **ETHYLENE THIOUREA**
- **C₃H₆N₂S**
- **Molecular Weight: 102**
- **CAS: 96-45-7**
- **EINECS: 202-506-9**
- **REACH: 01-2119541697-28-0000**



PRODUCT	Purity (%)	Melting point (°C) min*	Specific gravity*	Natural color	Appearance	Oil (%)	Remarks
ETU C	97	198	1.45	White**	Min dusting material	1-2	Non-staining Non-discoloring

C: Coated

*Typical values / ** Depending on natural variation of ETU

PROPERTIES

Fast but safe accelerator for sulfur (0.1-1.5 phr) and mercaptan modified (0.2-0.9 phr) CR. Also used with CSM (0.5-0.8 phr) and ECO.

It is also used as a secondary accelerator in EPDM.

It disperses easily in rubber. Non-coloring and non-staining. Odorless.

The use of zinc or magnesium oxides as activators is generally advisable.

Sulfur is not required in mercaptan modified CR.

It provides high modulus, high tensile strength, low compression set.

It is used as a corrosive inhibitor for metal surface treatment.

APPLICATIONS

- General rubber goods: Wire and cable, conveyor belts, seals, coated fabric, extruded profiles, rolls etc.
- Non rubber: Lubricants, metal treatment etc.

PACKAGING & STORAGE

Paper bag weight: 20 kg net

Standard CP1 pallet: 500 kg net

Shelf-life: **2 years** in its original packaging

Store in a dry and cool place and away from direct sources of heat or sunlight.

SAFETY & TOXICITY

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

NITROSAMINE FREE

ETU 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.

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TECHNICAL DATA SHEET

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ARKEMA

DISCLAIMER FOR MEDICAL DEVICE POLICY

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

Arkema general Medical Devices Policy

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