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TOLUENE DIISOCYANATE (TDI 80/20)

TECHNICAL SPECIFICATIONS: Applications: TDI 80/20 is used in the production of flexible polyurethane foam and other polyurethane applications including elastomers, synthetic leather, coated fabrics, paints and adhesives.

TYPICAL PROPERTIES:

Quality Standard: Q/DHJ.02.02-1999

Chemical Formular: $C_9H_6O_2N_2$

Molecular Weight: 174

Appearance: water-with to pale yellow clear liquid with irritating odour.

SPECIFICATIONS:

Name	SPECIFICATION	RESULT
Purity% (m/m) \geq	99.5%	99.95%
Isomeric ratio% (2.4/2.6)	80/20 \pm 1.0	79.6/20.4
Hydrolyzable chlorine ppm \leq	100	65
Acidity (on HCL basis) ppm \leq	40	8
Color(APHA) \leq	25	20

FIRST AID:

In the event of inhalation, remove the patient from the contaminated area. In more serious cases, administer therapeutical oxygen, and send for a doctor. In the event of contact with the skin, immediately remove the soiled garments. Immediately wash the affected area thoroughly with soap and water. Send for a doctor. In the event of contact with the eye, wash immediately with generous amounts of water for at least 15 minutes keeping the eyes well open. Send for a doctor. In the event of ingestion, immediately drink a large amount of water. Send for a doctor.

STORAGE:

TDI80/20 containers should be kept properly closed and stored indoors in a well-ventilated and fire-proof place. When opening the containers, operators should wear goggles, gloves and rubber aprons. Containers should be handled carefully to avoid damage. In case of leakage, transfer it into another proper container in a well-ventilated and dry place. When opening the cap, use an opener or wrench. Once the cap is loosened, pause until the high pressure in the container equalizes with the atmospheric pressure, then open the cap slowly.

PACKING: 250kg net in new steel drum (Tare weight:22kg)