

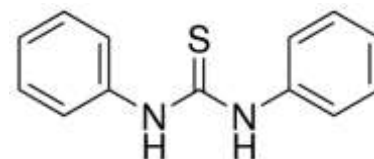


# Product Specification

cdhfinechemical.com

## N,N-DIPHENYL THIOUREA FOR SYNTHESIS

PRODUCT CODE	078805
SYNONYMS	--
C.I. NO.	--
CASR NO.	(102-08-9)
ATOMIC OR MOLECULAR FORMULA	C <sub>13</sub> H <sub>12</sub> N <sub>2</sub> S
ATOMIC OR MOLECULAR WEIGHT	228.31
PROPERTIES	--



### PARAMETER LIMIT

Description	White to off-white to beige crystals or powder.
Solubility	33.3 mg soluble in 1 ml of alcohol.
Minimum assay (HPLC)	98.0%
Melting range	150-156°C

**Note(s) : Assay (if applicable) method mentioned.**

#### DANGER

**Hazard statements :** May cause respiratory irritation. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation.

#### Precautionary statements

**Prevention:** Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas /mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

**Response:** Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing.

Wash/Decontaminate removed clothing before reuse.

**Disposal:** Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

IMDG Code : 6.1/II

UN No. : 2811

IATA : 6.1

Hazard Pictogram(s) :-



GHS06

Replace Date 09-June-2026