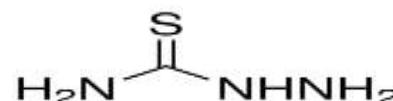


## THIOSEMICARBAZIDE FOR SYNTHESIS

PRODUCT CODE	243575
SYNONYMS	--
C.I. NO.	--
CASR NO.	(79-19-6)
ATOMIC OR MOLECULAR FORMULA	CH <sub>5</sub> N <sub>3</sub> S
ATOMIC OR MOLECULAR WEIGHT	91.13
PROPERTIES	--



PARAMETER	LIMIT
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Description	White to light yellow crystals/crystalline powder.
Solubility	5% hot aqueous solution clear and almost colourless.
Minimum assay (Iodometric)	98.0%
Melting point	179 <sup>o</sup> -184 <sup>o</sup> C

### MAXIMUM LIMIT OF IMPURITY

Sulphated ash	0.1%
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**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.

IMDG Code : 6.1/II

UN No. : 2811

IATA : 6.1

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

**Hazard Pictogram(s) :**



GHS06

Replace Date 19-Dec-2025