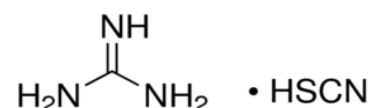


GUANIDINE THIOCYANATE

PRODUCT CODE	107360
SYNONYMS	(Guanidine isothiocyanate) (Guanidinium thiocyanate; Guanidinium rhodanide)
C.I. NO.	--
CASR NO.	(593-84-0)
ATOMIC OR MOLECULAR FORMULA	C₂H₆N₄S
ATOMIC OR MOLECULAR WEIGHT	118.16
PROPERTIES	RNA solubilising agent, powerful protein denaturant



PARAMETER	LIMIT
Description	White to Off white crystalline powder.
Solubility	4M Solution in water is clear and colourless.
Minimum Assay (Argentometric)	99.0%

MAXIMUM LIMIT OF IMPURITIES

Barium (Ba)	0.0005%
Heavy metals (as Pb)	0.0005%
Iron (Fe)	0.0005%
RNases, DNases	None detected.

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

DANGER

Hazard statements: Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. Suspected of damaging the unborn child.

PRECAUTIONARY STATEMENTS

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Wash hands thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well ventilated area. Obtain special instructions before use. Do not eat, drink or smoke when using this product.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: Get medical attention advice. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal: Dispose of contents and container in accordance with relevant legislation. .

IMDG Code : 8 / III
UN No. : 1759
IATA : 8

Hazard Pictogram(s) :-



GHS05



GHS08

Replace Date 15-Feb-2025