

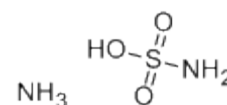


Product Specification

cdhfinechemical.com

AMMONIUM SULPHAMATE ULTRAPURE

PRODUCT CODE	H03465
SYNONYMS	Ammonium amido sulphonate
C.I. NO.	—
CASR NO.	7773-06-0
ATOMIC OR MOLECULAR FORMULA	$\text{H}_6\text{N}_2\text{SO}_3$
ATOMIC OR MOLECULAR WEIGHT	114.12
PROPERTIES	Hygroscopic, decomposes at 160°C. Nonflammable.



PARAMETER	LIMIT
Description	White crystals / crystalline powder.
Solubility	5% solution in water is clear and colourless.
Minimum assay (Redox titration)	99.5%
Melting range	132° - 134°C
pH (of 5% Aq. Solution)	5.0 – 6.5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 105°C)	1.0%
Sulphated Ash	0.02%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.02%
Iron (Fe)	0.0005%
Heavy metals (Pb)	0.0005%
Copper (Cu)	0.0001%
Nitrate (NO ₃)	0.002%

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

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

IMDG Code : 9/III
UN No. : 3077
IATA : 9

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :



GHS07