



Product Specification

cdhfinechemical.com

AMMONIUM CERIC NITRATE

PRODUCT CODE	H02755
SYNONYMS	(Ammonium cerium (IV) nitrate, Ceric ammonium nitrate)
C.I. NO.	--
CASR NO.	16774-21-3
ATOMIC OR MOLECULAR FORMULA	(NH ₄) ₂ [Ce(NO ₃) ₆]
ATOMIC OR MOLECULAR WEIGHT	548.23
PROPERTIES	-



PARAMETER	LIMIT
Description	Orange crystalline powder.
Solubility	10% solution in hot 5N H ₂ SO ₄ clear orange.
Minimum assay	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.001%
Iron (Fe)	0.003%
Heavy metals (Pb)	0.001%
Phosphate (PO ₄)	0.005%
Copper (Cu)	0.001%
Sodium (Na)	0.005%

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

DANGER Hazard statements : May intensify fire; oxidizer. May be corrosive to metals. Harmful if swallowed. Cause severe skin burns and eye damage. May causes an allergic skin reaction. Very toxic to aquatic life with long lasting effects. Precautionary statements Prevention : Take any precaution to avoid mixing with combustible or incompatible materials. Wash hands thoroughly after handling. Keep away from heat. Response: If skin irritation occurs, seek medical advice/attention. Wear eye/ face protection. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.	IMDG Code : 5.1/II UN No. : 3085 ATA : 5.1
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Hazard Pictogram(s) :



GHS03



GHS07



GHS05



GHS09