



SDFCL
s d fine-chem limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\ID\PS\20376XPS.xls
PRODUCT CODE	20376
PRODUCT NAME	AMMONIUM CERIC SULPHATE AR
SYNONYMS	---
C.I. NO.	---
CASR NO.	(10378-47-9)
ATOMIC OR MOLECULAR FORMULA	$(\text{NH}_4)_4[\text{Ce}(\text{SO}_4)_4] \cdot 2\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	632.53
PROPERTIES	---



PARAMETER	LIMIT
Description	Yellow to orange yellow crystalline powder/ orange to reddish orange crystals.
Solubility	Soluble in dilute sulphuric acid.
Minimum Assay (Oxidimetric; ex Ce; on dried basis)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Sulphuric acid insoluble matter	0.01%
Chloride (Cl)	0.001%
Phosphate (PO_4)	0.005%
Aluminium (Al)	0.05%
Copper (Cu)	0.002%
Iron (Fe)	0.02%
Lead (Pb)	0.002%
Magnesium (Mg)	0.005%

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

DANGER

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: Wear eye/face protection. If eye irritation persists, get medical advice/ attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IMDG Code : 5.1/II
UN No. : 1479
IATA : 5.1

Disposal: Dissolve the chemical in dilute acid and neutralize the excess acid with sodium carbonate and run to the normal waste with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste. Alternatively the neutralized solution can be put in a container and disposed off. The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard Pictogram(s) :



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
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