



Product Specification

cdhfinechemical.com

AMMONIUM PERSULPHATE (APS) FOR ELECTROPHORESIS

PRODUCT CODE	457515
SYNONYMS	Ammonium peroxodisulphate
C.I. NO.	—
CASR NO.	7727-54-0
ATOMIC OR MOLECULAR FORMULA	(NH ₄) ₂ S ₂ O ₈
ATOMIC OR MOLECULAR WEIGHT	228.20
PROPERTIES	--
PARAMETER	LIMIT
Description	White crystals /crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Iodometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Sulphated Ash	0.05%
Chloride(Cl)	0.0005%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.002%
Acidity (H ₂ SO ₄)	0.2%
Manganese (Mn)	0.0005%
Note(s) : 1) Assay (if applicable) method mentioned. 2) Because of inherent instability, this reagent may be expected to decrease in strength and to increase in acidity during storage. After storage for some time the reagent may fail to meet the specified requirements for assay and acidity. Store in a dry, cool place.	
DANGER Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful ifswallowed. Causes skin irritation. Causes serious eye irritation. May cause allergic orasthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Precautionary statements Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling. Incase of inadequate ventilation wear respiratory protection. Avoid breathingdust/fume/gas/mist/vapours/spray. Take any precaution to avoid mixing with combustible orincompatible materials. Keep away from heat. Do not eat, drink or smoke when using thisproduct. Contaminated clothing should not be allowed out of the workplace. Response: Wear eye/face protection. If skin irritation occurs, seek medicaladvice/attention. If experiencing respiratory symptoms call a POISON CENTER ordoctor/physician. If skin irritation or rash occurs, seek medical advice/ attention. If eyeirritation persists, get medical advice/attention. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinsecautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. Wash/ Decontaminate removed clothing before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.	IMDG Code : 5.1/III UN No. : 1444 IATA : 5.1
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) :    GHS03 GHS07 GHS08	