



AMMONIUM PERSULPHATE

PRODUCT CODE	R01624
SYNONYMS	Ammonium peroxodisulphate
C.I. NO.	—
CASR NO.	7727-54-0
ATOMIC OR MOLECULAR FORMULA	(NH₄)₂S₂O₈
ATOMIC OR MOLECULAR WEIGHT	8.19
PROPERTIES	Decomposed in presence of moisture, also decomposed on heating at about 120°C; Strong oxidizing agent.
PARAMETER	LIMIT
Description	White crystals/crystalline powder.
Solubility	10% solution in water is clear and colourless to almost colourless.
Minimum assay (Iodometric)	98.0%
MAXIMUM LIMIT OF IMPURITIES	
Residue on ignition (as SO ₄)	0.1%
Titrate free acid (as H ₂ SO ₄)	0.2%
Chloride (Cl)	0.002%
Iron (Fe)	0.002%
Heavy metals (as Pb)	0.005%
Manganese (Mn)	0.0002%
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.	
<p>DANGER Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Precautionary statements Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat. Do not eat, drink or smoke when using this product. Contaminated clothing should not be allowed out of the workplace. Response: Wear eye/face protection. If skin irritation occurs, seek medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical advice/attention. If eye irritation 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: Rinse cautiously 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.</p>	<p>IMDG Code : 5.1/III UN No. 1444 IATA : 5.1</p>
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) :	
<p>GHS05 GHS07</p>	

Replace Date 1 April 2023

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