





ALIZARIN RED S pH INDICATOR

PRODUCT CODE	R02021	
SYNONYMS	--	
C.I. NO.	58005	
CASR NO.	130-22-3	
ATOMIC OR MOLECULAR FORMULA	C₁₄H₆Na₂O₇S	C₁₄H₆Na₂O₇S
ATOMIC OR MOLECULAR WEIGHT	364.24	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	A yellow coloured powder.	
Solubility	Soluble in water	
Identification	Passes test.	
Dye content (Spectro)	70.0%	
pH transition range	Passes test.	
pH 4.3 to 6.3	Brilliant yellow to pink	
pH 9.4 to 12.0	Brown orange to violet	
MAXIMUM LIMIT OF IMPURITY		
Loss on drying (110°C)	8.0%	
Note(s): Assay (if applicable) method mentioned.		
WARNING HAZARD STATEMENTS : May cause drowsiness and dizziness. Causes mild skin irritation. Causes eye irritation. May cause allergic skin reaction. PRECAUTIONARY STATEMENTS : Prevention :Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after Handling . Response :If skin irritation occurs, seek medical advice/attention. If skin irritation or rash occurs, seek medical advice/attention. 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. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. Disposal :Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scubber.		IMDG Code : -- UN No. :-- IATA :--
Hazard Pictogram(s) : <div style="text-align: center;">  GHS05 </div> <div style="text-align: center;">  GHS07 </div>		

Replace Date 1 April 2023