



Product Specification

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CAFFEINE ANHYDROUS

PRODUCT CODE	H09535
SYNONYMS	--
C.I. NO.	--
CASR NO.	58-08-2
ATOMIC OR MOLECULAR FORMULA	C ₈ H ₁₀ N ₄ O ₂
ATOMIC OR MOLECULAR WEIGHT	194.19
PROPERTIES	--
PARAMETER	LIMIT
Description	A fine white crystalline powder.
Solubility	1% solution in hot water is clear and colourless.
Identification (IR spectrum)	Passes test
Minimum assay (Non-aqueous on dried basis)	98.5%
Melting Point	234°-239°C
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying	0.5%
Sulphated ash	0.1%
Acidity	Passes test
Heavy metals (Pb)	0.002%
Sulphate (SO ₄)	0.05%
Note(s) : 1) 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 scrubber.	
Hazard Pictogram(s) :  GHS07	
IMDG Code : 6.1/III UN No. : 1544 IATA : 6.1	

