



CALCIUM HYDRIDE

PRODUCT CODE	R08092	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7789-78-8)	
ATOMIC OR MOLECULAR FORMULA	CaH ₂	CaH₂
ATOMIC OR MOLECULAR WEIGHT	42.10	
PROPERTIES	Decomposed by water, organic acids, and lower alcohol. Hygroscopic.	
PARAMETER	LIMIT	
Description	Greyish white crystals /powder/chunks.	
Solubility	Decomposes in water violently giving Hydrogen.	
Minimum assay (Complexometric)	95.0%	
MAXIMUM LIMIT OF IMPURITY		
Sulphate (SO ₄)	0.005%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER :		IMDG Code :-4.3/1 UN No. :- 1404 IATA :-4.3
Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. HAZARD STATEMENTS : Highly flammable liquid and vapour. May be harmful if swallowed. PRECAUTIONARY STATEMENTS : Prevention : Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.		
Disposal :		
Hazard Pictogram(s) :-----		
	 GHS05	 GHS07

Replace Date 1 April 2023

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