




COBALT (OUS) CARBONATE PURIFIED

PRODUCT CODE	R01771	
SYNONYMS	[Cobalt (II) carbonate]	
C.I. NO.	--	
CASR NO.	(12602-23-2)	
ATOMIC OR MOLECULAR FORMULA	CoCO ₃	
ATOMIC OR MOLECULAR WEIGHT	118.94	CoCO ₃
PROPERTIES	Insoluble in water, and ammonia. Soluble in acids, M.P decomposes.	
PARAMETER	LIMIT	
Description	Reddish violet free flowing powder.	
Solubility	5% solution in dilute HCl is clear and bright.	
Cobalt (Co)	45.0 - 50.0%	
MAXIMUM LIMIT OF IMPURITIES		
Ammonium (NH ₄)	0.1%	
Chloride (Cl)	0.005%	
Sulphate (SO ₄)	0.05%	
Iron (Fe)	0.1%	
Nickel (Ni)	0.5%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING Hazard statements: May be harmful if swallowed. May damage fertility. Precautionary statements Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Response: If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell*		IMDG Code : -- UN No. : -- IATA : --
Disposal: Dispose of contents and container in accordance with relevant legislation.		
Hazard Pictogram(s) :-		
 GHS08		

Replace Date 1 April 2023

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