



DIMETHYL GLYOXIME AR/ACS REAGENT FOR NICKEL

PRODUCT CODE	R04560
SYNONYMS	(2,3-Butanedione dioxime)
C.I. NO.	--
CASR NO.	(95-45-4)
ATOMIC OR MOLECULAR FORMULA	CH ₃ C(NOH)C(NOH)CH ₃
ATOMIC OR MOLECULAR WEIGHT	116.12
PROPERTIES	--
PARAMETER	LIMIT
Description	A white/ almost white crystalline powder.
Solubility	2% solution in warm ethanol is almost clear and not more than slightly coloured.
Minimum assay (Gravimetric, via nickel complex, on dried subs.)	99.0%
Melting range	238-241°C
Suitability for determination of Ni	Passes test
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying at 110°C	1.0%
Alcohol insoluble matter	0.02%
Sulphated ash	0.05%
Note(s) : Assay (if applicable) method mentioned.	
DANGER : 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 :	IMDG Code : 4.1/III UN No. 1325 IATA : 4.1
Hazard Pictogram(s) :-----	

Replace Date 1 April 2023

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