



DIMETHYL GLYOXIME

PRODUCT CODE	R01766
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	Insoluble in water.
PARAMETER	LIMIT
Description	A white/ almost white crystalline powder.
Solubility	2% Solution in warm ethanol is almost clear to clear and not more than slightly coloured.
Minimum assay (Gravimetric, via nickel complex, on drid subs.)	98.0%
Melting range	237-241°C
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 110°C)	2.0%
Sulphated ash	0.1%
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) :-----	
<p>GHS05 GHS07</p>	

Replace Date 1 April 2023

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