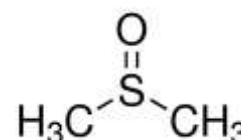


## DIMETHYL SULPHOXIDE FOR MOLECULAR BIOLOGY

<b>PRODUCT CODE</b>	926590
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	(67-68-5)
<b>ATOMIC OR MOLECULAR FORMULA</b>	C <sub>2</sub> H <sub>6</sub> SO
<b>ATOMIC OR MOLECULAR WEIGHT</b>	78.13
<b>PROPERTIES</b>	--



PARAMETER	LIMIT
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Description	A clear & colourless liquid with not more than 10 Hz.
Solubility	10% in water is clear & colourless solution.
Minimum assay (By GC)	99.0%
Wt. per ml( at 20°C)	1.099-1.101 g
Refractive index (n) <sub>D</sub> 20	1.478-1.479

### MAXIMUM LIMIT OF IMPURITIES

Water	0.1%
Residue on evaporation	0.0005%
Max. Absorption at 280 nm	0.22
Free acid (CH <sub>3</sub> COOH)	0.001%
Dnases, phosphatases proteases, Rnases	None detected

**Note(s) : Assay (if applicable) method mentioned.**

#### DANGER

**HAZARD STATEMENTS** : Combustible Liquid. Toxic if swallowed. Causes mild skin irritation. Causes eye irritation. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.

#### PRECAUTIONARY STATEMENTS :

**Prevention** : Wash hands thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. In case of inadequate ventilation wear respiratory protection. Do not eat, drink or smoke when using this product. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from flames and hot surfaces. Contaminated clothing should not be allowed out of the workplace.

**Response** : If skin irritation or rash occurs, seek medical advice/attention. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. 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 SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water

**Disposal** : The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to wastesolvent drum for collection by specialist disposal company.

IMDG Code :

UN No. : -

IATA : -

#### Hazard Pictogram(s) :



GHS06



GHS08

REPLACE DATE 06-OCT-21