DIMETHYL SULPHOXIDE FOR PESTICIDE RESIDUE ANALYSIS

PRODUCT CODE	728400
SYNONYMS	--
C.I. NO.	--
CASR NO.	(67-68-5)
ATOMIC OR MOLECULAR FORMULA	C_2H_6SO
ATOMIC OR MOLECULAR WEIGHT	78.13
PROPERTIES	Hygroscopic liquid, Combustible.
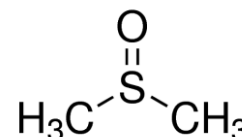
PARAMETER	LIMIT
Description	A clear liquid, colour not more than 10 Hazen units.
Solubility	Miscible with water forming clear and colourless solution.
Minimum assay (GC)	99.9%
Wt. per ml (at 20^0C)	1.099 – 1.101 g
Refractive Index $(n)_D^{20}$	1.478 – 1.479
Boiling range	189 – 192^{0}C

MAXIMUM LIMIT OF IMPURITIES	
Non volatile matter	0.0001%
Acidity (CH_3COOH)	0.001%
Water (KF)	0.05%

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

IMDG Code **: -**
UN No. : -
IATA : -

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.

Hazard Pictogram(s) :

GHS06   GHS08