



## TRIMETHYLSULFOXONIUM IODIDE - Physical & Chemical properties

CASR No.	[ 1774 - 47 - 6 ]
EC-No.	217 - 204 - 2
HS-No.	2930 90 70
Fieser	2, 171
Mol. Formula	C <sub>3</sub> H <sub>9</sub> IOS / [ (CH <sub>3</sub> ) <sub>3</sub> I SO ]
Mol. Weight	220.07
Bulk Density	~ 2000 kg/m <sup>3</sup>
Melting Range	148 - 150 °C
Ignition Temp.	200 °C
Solubility in water	soluble
Atmospheric Susceptibility	Absorbs moisture, undergoes slow decomposition

### Relevant Risk, Safety & Disposal Aspects

Risk	R 36/37/38	Irritating to eyes, skin & respiratory system.
Safety	S 26-36	In case of contact with eyes rinse immediately with plenty of water & seek medical advice. After contact with skin wash immediately with plenty of soap & water. Wear suitable protective clothing & gloves.
Disposal	D 3	Relatively un-reactive organic substance. Neutralize with Sodium thiosulphate solution.

### Application, Storage & Packing

Application	As Methylating agent in organic synthesis.
Storage	Store in a well closed container.
Packing	In 25 kg with double polythene bags inside HDPE Drum.



## TRIMETHYLSULFOXONIUM IODIDE LR

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Description	Almost white crystalline powder
Assay ( argentometric )	min. 98.0 %
Melting point	148 – 150 °C