



## MOLYBDENUM TRIOXIDE AR/ACS

<b>PRODUCT CODE</b>	<b>587092</b>	
<b>SYNONYMS</b>	(Molybdic anhydride) , (Molybdenum (VI) oxide)	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	(1313-27-5)	
<b>ATOMIC OR MOLECULAR FORMULA</b>	MoO <sub>3</sub>	<b>MoO<sub>3</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	143.95	
<b>PROPERTIES</b>	Soluble in concentrated mineral acids, solution of alkali hydroxides, ammonia.	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A pale yellow green or grey powder.	
Solubility	10% solution in mixture of dilute ammonia and water is clear.	
Minimum Assay (Complexometric)	99.5%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Ammonium (NH <sub>4</sub> )	0.005%	
Chloride (Cl)	0.002%	
Sulphate (SO <sub>4</sub> )	0.005%	
Phosphate, Arsenate	0.0005%	
Silicate (as PO <sub>4</sub> )		
Iron (Fe)	0.0005%	
Lead (Pb)	0.001%	
<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>WARNING</b> <b>Hazard statements :</b> May cause respiratory irritation. May be harmful if swallowed Causes serious eye irritation.May cause damage to organs through prolonged or repeated exposure. <b>Precautionary statements</b> <b>Prevention :</b> Wash hands thoroughly after handling.Do not breathe dust/fume /gas/ mist/vapours/spray. <b>Response :</b> If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.Wear eye/face protection.Get medical advice/ attention if you feel unwell.IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.		IMDG Code: UN No. : IATA :
<b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.		
Hazard Pictogram(s) : <div style="display: flex; justify-content: center; gap: 20px; align-items: center;">   </div> <div style="display: flex; justify-content: center; gap: 20px; margin-top: 5px;"> <span>GHS07</span> <span>GHS08</span> </div>		