



SDFCL
s d fine-chem limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\PS\20818XPS.xls
PRODUCT CODE	20818
PRODUCT NAME	MOLYBDENUM TRIOXIDE AR
SYNONYMS	(Molybdic anhydride) , (Molybdenum (VI) oxide)
C.I. NO.	--
CASR NO.	(1313-27-5)
ATOMIC OR MOLECULAR FORMULA	MoO ₃
ATOMIC OR MOLECULAR WEIGHT	143.95
PROPERTIES	Soluble in concentrated mineral acids, solution of alkali hydroxides, ammonia.



PARAMETER	LIMIT
Description	A pale yellow green or grey powder.
Solubility	10% solution in mixture of dilute ammonia and water is clear.
Minimum Assay (Coplexometric)	99.5%
MAXIMUM LIMIT OF IMPURITIES	
Ammonium (NH ₄)	0.005%
Chloride (Cl)	0.002%
Sulphate (SO ₄)	0.005%
Phosphate, Arsenate Silicate (PO ₄)	0.0005%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%

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

WARNING

Hazard statements : May cause respiratory irritation. May be harmful if swallowed Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention : Wash hands thoroughly after handling. Do not breathe dust/fume /gas/ mist/vapours/spray.

Response : 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 : 6.1/III
UN No. : 3288
IATA : 6.1

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :--



Skin irritation



Aspiration hazard

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
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