



SDFCL
s d fine-chem limited

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\20192XPS.xls
PRODUCT CODE	20192
PRODUCT NAME	PICRIC ACID AR (Contains ~35% water as stabiliser)
SYNONYMS	2,4,6-Trinitrophenol
C.I. NO.	--
CASR NO.	(88-89-1)
ATOMIC OR MOLECULAR FORMULA	(NO ₂) ₃ C ₆ H ₂ OH
ATOMIC OR MOLECULAR WEIGHT	229.11
PROPERTIES	Intensely bitter crystals. Remote from fire.



PARAMETER	LIMIT
Attention : Picric acid (in dry form) explodes when heated rapidly or when subjected to percussion. To ensure safety during transit and storage picric acid is moistened with water before issue. The specification and tests apply to the dry substance.	
Description	Pale yellow crystals.
Solubility	1% solution in hot water is clear & bright.
Assay (acidimetric)	99.5 - 100.5%
Melting point	121 ° - 123 °C
Sulphated ash	Max. 0.05%
MAXIMUM LIMIT OF IMPURITIES	
Water Insoluble matter	0.01%
Chloride (Cl)	0.005%
Sulphate & Sulphonate (SO ₄)	0.05%
Organic impurity	Passes test.

Note(s) : 1] Assay (if applicable) method mentioned.

DANGER

Hazard statements : Flammable solid. Solid desensitised explosives: high hazard. Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause allergic skin reaction. Toxic to aquatic life

Precautionary statements

Prevention : Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Wash hands thoroughly after handling. Use only outdoors or in a well ventilated area. Contaminated clothing should not be allowed out of the workplace. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Use explosion-proof electrical/ventilating /lighting/equipment. Wear protective gloves and eye/face protection. Keep away from heat/sparks/open flame - No smoking. Ground/ bond container and receiving equipment.

Response : Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. If skin irritation or rash occurs, seek medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. IF ON SKIN: Gently wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Wash/ Decontaminate removed clothing before reuse. In case of fire, use foam for extinction. Remove/Take off immediately all contaminated clothing

IMDG Code : 4.1/I
UN No. : 1344
IATA : 4.1

Disposal: The chemical waste should be collected by specialized disposal company. Keep the product wet.

Hazard Pictogram(s) :



Flammable



Explosives



Acute toxicity

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
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