



SDFCL
s d fine-chem limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID:\PS\20232XPS.xls
PRODUCT CODE	20232
PRODUCT NAME	SEMICARBAZIDE HYDROCHLORIDE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(563-41-7)
ATOMIC OR MOLECULAR FORMULA	NH ₂ NHCONH ₂ .HCl
ATOMIC OR MOLECULAR WEIGHT	111.53
PROPERTIES	Soluble in water, insoluble in absolute alcohol and ether.



PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Minimum Assay (Oxidimetric)	99.5%
Melting Point	173° - 178°C
Sulphated ash	Max. 0.02%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.02%

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

HAZARD

DANGER Toxic if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of causing genetic defects.Suspected of causing cancer.

IMDG Code :6.1/II
UN No. : 2811
IATA :6.1

PRECAUTIONARY STATEMENTS

Prevention:Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

Response:IF

SWALLOWED: Immediately call a POISON CENTER or doctor/physician. **IF ON SKIN:** Wash with plenty of soap and water. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **IF exposed or concerned:** Get medical advice/attention. Rinse mouth. If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.Take off contaminated clothing and wash before re- use. Wash contaminated clothing before reuse.

Disposal: The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :



Acute toxicity



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.: 02
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