



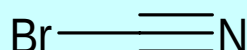
SDFCL
s d fine-CHEM LIMITED



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PS\37866XPS.xls
PRODUCT CODE	37866
PRODUCT NAME	CYANOGEN BROMIDE (for synthesis)
SYNONYMS	--
C.I. NO.	--
CASR NO.	(506-68-3)
ATOMIC OR MOLECULAR FORMULA	CBrN
ATOMIC OR MOLECULAR WEIGHT	105.93
PROPERTIES	Slowly decomposed by cold water. Corrodes most metals.



PARAMETER	LIMIT
Description	Colourless crystals, volatilizes at ordinary temperature.
Solubility	5% solution in water is clear and colourless.
Minimum Assay (Iodometric)	98.0%
Melting Point	49 - 52°C
Sensitiveness	To pass the test.
MAXIMUM LIMIT OF IMPURITIES	
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Note(s) : 1] Assay (if applicable) method mentioned.

2] Store at : < 30°C

DANGER

Hazard statements: May be corrosive to metals. Fatal if swallowed. Fatal in contact with skin. Causes severe skin burns and eye damage. Causes serious eye damage. Fatal if inhaled. Very toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention: Keep only in original container. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Do not get in eyes, on skin, or on clothing. Wash ... thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well- ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Gently wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Specific treatment is urgent (see MSDS). Rinse mouth. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. Collect spillage.

IMDG Code : 6.1/I

UN No. : 1889

IATA : --

Forbidden

Disposal: The chemical waste should be collected by specialized disposal company. Disposal of small quantities of cyanide residues (and mercaptans) is done as follows. Dissolve the residues in water ,ensuring that concentration of solution is not more than 5%. Add 10-15% sodium hypochlorite solution with stirring until excess hypochlorite is indicated by the solution turning starch iodide paper to a definite blue colour. Add a further small volume of hypochlorite solution and leave to stand aside for 24 hours. Recheck the excess of hypochlorite with starch-iodide paper and if the test is positive then wash the treated away solution with large amounts of water. If the test if negative then repeat the treatment with hypochlorite solution until detoxification is completed.

Hazard Pictogram(s) :



Acute toxicity



Corrosive to metals



Aquatic environment

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.: 03
Sign. :	Sign. :	Sign. :	Revision dt. : 30.06.2014
Date : 23.06.2014	Date : 23.06.2014	Date : 30.06.2014	AMEND NO. : 1650