



SDFCL
s d fine-CHEM LIMITED



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\ID\PSI29827XPS.xls
PRODUCT CODE	29827
PRODUCT NAME	Bromine standard solution 0.05 M (0.1 N) in water
SYNONYMS	(Bromide-bromate soln.)
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	Titrant for the determination of the Bromine no.

PARAMETER	LIMIT
Description	A clear and colourless liquid.
Molarity	0.0495-0.0505 M
Normality	0.0990 - 0.1010 M
Wt per ml (20°C)	About 1.005 g
Titer (at 20°C)	0.998 - 1.002

MAXIMUM LIMIT OF IMPURITIES

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

HAZARD

DANGER May be corrosive to metals. Causes skin irritation. Causes serious eye irritation. Fatal if inhaled. May cause respiratory irritation. Toxic to aquatic life Harms public health and the environment by destroying ozone in the upper atmosphere...

IMDG Code : 8/I
UN No : 1744
IATA : 8

PRECAUTIONARY STATEMENTS

Prevention :!Keep only in original container. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash ... thoroughly after handling. 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 ON SKIN: Wash with plenty of soap and water.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.Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment is urgent (see MSDS). If skin irritation occurs: Get medical advice/attention.If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before re- use. Absorb spillage to prevent material damage.

Disposal:Add bromine / iodine / inorganic peroxide / oxidants to be disposed to large amount of water and then make harmless by addition of acidic sodium thiosulphate solution .

Hazard(s) :



Corrosive to metals



Acute toxicity

Prepared By :	Checked By:	Approved By:	Issue Date : 04.03.2009
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01

Sign. :	Sign. :	Sign. :	Revision dt. : 11.05.2015
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