



SDFCL
s d fine-CHEM limited



Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D\PS\20923XPS.xls
PRODUCT CODE	20923
PRODUCT NAME	POTASSIUM HYDROXIDE 90% FLAKES AR
SYNONYMS	Caustic potash
C.I. NO.	--
CASR NO.	(1310-58-3)
ATOMIC OR MOLECULAR FORMULA	KOH
ATOMIC OR MOLECULAR WEIGHT	56.11
PROPERTIES	Keep well stoppered, absorbs water and carbon dioxide from the air.

KOH

PARAMETER	LIMIT
Description	White deliquescent flakes.
Solubility	10% solution in water is clear, colourless.
Minimum Assay (Acidimetric)	90.0%
MAXIMUM LIMIT OF IMPURITIES	
Carbonate (K ₂ CO ₃)	1.0%
Chloride (Cl)	0.002%
Sulphate (SO ₄)	0.002%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.001%
Lead (Pb)	0.0005%
Nickel (Ni)	0.001%
Sodium (as Na)	1.0%

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

DANGER Hazard statements : Toxic if swallowed.May be corrosive to metals.Causes severe skin burns and eye damage Precautionary statements Prevention: Do not eat, drink or smoke when using this product.Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection. Wash hands thoroughly after handling.Do not breathe dust or mist. Response:IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS. Disposal: The chemical is disposed off by its slow addition to an excess of water. The final concentration should not be greater than 2% .Neutralize with 5% hydrochloric acid and run to waste with large quantities of running water.	IMDG Code : 8/II UN No. :1813 IATA :8
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Hazard Pictogram(s) :



Acute toxicity



Corrosive to metals

Prepared By :	Checked By:	Approved By:	Issue Date : 10.03.2010
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 01
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