



SODIUM CYANIDE EXTRA PURE (AGAINST POISON LICENCE)

PRODUCT CODE	219345
SYNONYMS	--
C.I. NO.	--
CASR NO.	(143-33-9)
ATOMIC OR MOLECULAR FORMULA	NaCN
ATOMIC OR MOLECULAR WEIGHT	49.01
PROPERTIES	Freely soluble in water, slightly soluble in alcohol.
PARAMETER	LIMIT
Description	Almost white eggs / pellets/ tabletsshaped /powder / solid mass.
Solubility	10% solution in water is clear and colourless.
Minimum Assay(Argentometric)	97.0%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.2%
Sulphate (SO ₄)	0.02%
Lead (Pb)	0.001%
<p>Note(s) : 1]Assay (if applicable) method mentioned. 2]Caution :- Destroy the container and plastic bag immediately after use / or when empty; with effectivedisposable method. 3]Poisonous :- Serious risk of poisoning by inhalation, swallowing or skin contact, eyesand particularly wounds. Contact with acids liberates toxic gas.</p>	
<p>DANGER Hazard statements :Fatal in contact with skin. Fatal if swallowed. Fatal if inhaled.Causes mild skin irritation. Very toxic to aquatic life with long lasting effects. Harmful to lifein the soil. Precautionary statements Prevention :Wear protective gloves/clothing. Do not get in eyes, on skin or on clothing. Donot breathe dust/fume/gas/mist/vapours/spray. Wear respiratory protection. Use onlyoutdoors or in a well ventilated area. Wash hands thoroughly after handling. Do not eat,drink or smoke when using this product.. Response: Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medicaladvice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specificctreatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing . IF ON SKIN: Gentlywash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.</p>	<p>MDG Code : 6.1/I UN No. : 1689 ATA : 6.1</p>
<p>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.</p>	
<p>Hazard pictogram(s) :</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>GHS06</p> </div> <div style="text-align: center;">  <p>GHS09</p> </div> </div>	

Revised Date 15-06-2017