

## POTASSIUM CYANIDE (AGAINST POISON LICENCE)

<b>PRODUCT CODE</b>	<b>195495</b>	
<b>SYNONYMS</b>	--	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	<b>(151-50-8)</b>	
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>KCN</b>	<b>KCN</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	65.12	
<b>PROPERTIES</b>	<b>Freely soluble in water, slightly soluble in alcohol.</b>	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	Almost white egg shaped pellet or tablets/powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum assay (Argentometric)	96.0%	
<b>MAXIMUM LIMIT OF IMPURITY</b>		
Iron (Fe)	0.03%	
Sulphate (SO <sub>4</sub> )	0.05%	
Lead (Pb)	0.002%	

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

### WARNING

**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 life in the soil.

**Precautionary statements**

**Prevention:** Wear protective gloves/clothing. Do not get in eyes, on skin or on clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Wear respiratory protection. Use only outdoors 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 medical advice/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. Specific treatment: refer to Label or MSDS. Remove/Take off immediately all contaminated clothing . IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.

**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.

IMDG Code : 6.1/I

UN No. : 1689

IATA : 6.1

Hazard Pictogram(s) :-



GHS06



GHS09