

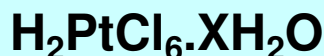


**SDFCL**  
s d fine-CHEM LIMITED  
Quality Control Dept.



Q Product Specification

E Control	QC2\DATAD\D:\PS\37732XPS.xls
PRODUCT CODE	37732
PRODUCT NAME	HEXA CHLOROPLATINIC IV ACID HYDRATE (abt. 40% Pt)
SYNONYMS	(Hydrogen hexachloroplatinate (IV) hydrate) (Chloroplatinic acid abt. 40% Pt)
C.I. NO.	--
CASR NO.	(1694-12-1)
ATOMIC OR MOLECULAR FORMULA	H <sub>2</sub> PtCl <sub>6</sub> .XH <sub>2</sub> O
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--



PARAMETER	LIMIT
Description	Orange/brownish orange powder.
Solubility	Very soluble in water.
Assay (Gravimetric)	About 40.0% Pt.
<b>MAXIMUM LIMIT OF IMPURITIES</b>	
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Note(s) :1] Assay (if applicable) method mentioned.

2] Storage 0 – 8°C

**DANGER**

**Hazard statements** : Toxic if swallowed.May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage.Toxic to aquatic life.

**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.Do not eat, drink or smoke when using this product .Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.In case of inadequate ventilation wear respiratory protection.

IMDG Code : 8/III  
UN No. : 2507  
IATA : 8

**Response:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.IF ON SKIN: 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 to fresh air and keep at rest in a position comfortable for breathing.IF INHALED: If breathing is difficult, remove 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. Rinse mouth.If skin irritation or rash occurs: Get medical advice/attention.If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

**Disposal:** Dissolve the chemical in dilute hydrochloric acid and then pass H<sub>2</sub>S ( if required after adjusting pH ) in a fume cupboard to precipitate metal sulphides. After filtration and washing, the product is to be given to the disposal company / suppliers. Alternatively metal may be precipitated from acid solution by neutralizing with ammonium hydroxide, followed by precipitation as hydroxide, carbonate or sulphate by adding a suitable precipitating reagent.

Hazard Pictogram(s) :



**Acute toxicity**



**Aspiration hazard**



**Corrosive to metals**

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.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
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