OXFORD LAB FINE CHEM LLP
ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

POTASSIUM CHLOROPLATINATE AR (Pt-40%)

MSDS CAS: 16921-30-5

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: POTASSIUM CHLOROPLATINATE AR (Pt-40%)
CAS#: 16921-30-5
Synonym: Potassium Hexachloroplatinate (IV)
Chemical Name: POTASSIUM CHLOROPLATINATE AR (Pt-40%)
Chemical Formula: Not available.

Brand : OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: **OXFORD LAB FINE CHEM LLP**
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Substance / Preparation: Dipotassium hexachloroplatinate
CAS#: 16921-30-5
Substance.

SUBSTANCE NAME	CAS NO.	CONTENTS
Dipotassium hexachloroplatinate	16921-30-5	100 %

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Section 3: Hazards Identification

Classification of the substance or mixture
Classification EC 67/548 or EC 1999/45
Classification : T; R25
Xi; R41
Xn ; R42/43
Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)
Health hazards: Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1) H317
Respiratory sensitization - Category 1 - Danger (CLP : Resp. Sens. 1) H334
Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1) H318
Acute toxicity, Oral - Category 3 - Danger (CLP : Acute Tox. 3) H301
Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Section 4: First Aid Measures

Description of first aid measures:

Inhalation: If experiencing respiratory symptoms : If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
Skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse.
Wash with plenty of soap and water. If skin irritation or rash occurs : Specific treatment (see on this label). Get medical advice.
Eye contact: Immediately call a POISON CENTER or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.
Ingestion: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. Rinse mouth. Specific treatment (see on this label).

Most important symptoms and effects, both acute and delayed:

Symptoms relating to use: Swallowing a small quantity of this material will result in serious health hazard. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed:

General information: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture:
Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

Advice for fire-fighters:
Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
For emergency responders :Equip cleanup crew with proper protection.
:Ventilate area.

For non-emergency personnel :Evacuate unnecessary personnel.

Environmental precautions
Environmental precautions :Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up:
Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

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Section 7: Handling and Storage

Precautions for safe handling

Handling : **Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust, fume, gas, mist, vapours, spray. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.**

Technical protective measures : **Provide good ventilation in process area to prevent formation of vapour.**

Conditions for safe storage, including any incompatibilities:

Storage : **Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.Storage - away from :** **Strong bases. Strong acids. Sources of ignition. Direct sunlight.**

Section 8: Exposure Controls/Personal Protection

Exposure controls:

Personal protection: **Avoid all unnecessary exposure.**

- **Respiratory protection:** **In case of inadequate ventilation wear respiratory protection.**
- **Hand protection:** **Wear protective gloves.**
- **Skin protection:** **Wear suitable protective clothing.**
- **Eye protection:** **Chemical goggles or safety glasses.**
- **Others:** **When using, do not eat, drink or smoke.**

Control parameters:

Occupational Exposure Limits: No data available.

Section 9: Physical and Chemical Properties

Physical state and appearance	**: Solid.**
Odor	**: Odorless.**
Taste	**: Not available.**
Molecular Weight	**: Not available.**
Color	**: Yellow powder.**
pH (1% soln/water)	**: Not available.**
Boiling Point	**: Not available.**

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Section 9: Physical and Chemical Properties (Continued)

Melting Point	**: 250 °C**
Critical Temperature	**: Not available.**
Specific Gravity	**: Not available.**
Vapor Pressure	**: Not applicable.**
Vapor Density	**: Not available.**
Volatility	**: Not available.**
Odor Threshold	**: Not available.**
Water/Oil Dist. Coeff.	**: Not available.**
Ionicity (in Water)	**: Not available.**
Dispersion Properties	**: Not available.**
Density	**: 3,4999**
Solubility in water (% weight)	**: 50 g/L (95°C)**

Section 10: Stability and Reactivity Data

Stability: **The product is stable.**

Instability Temperature: **Not available.**

Conditions to avoid: **Direct sunlight. Extremely high or low temperatures.**

Incompatibility with various substances: **Not available.**

Materials to avoid: **Strong acids. Strong bases.**

Special Remarks on Reactivity: **Not available.**

Special Remarks on Corrosivity: **Not available.**

Hazardous decomposition products: **Fumes. Carbon monoxide. Carbon dioxide.**

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Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity:

• Inhalation: Based on available data, the classification criteria are not met.
• Dermal: Based on available data, the classification criteria are not met.
• Ingestion: Toxic if swallowed.

Irritation: Based on available data, the classification criteria are not met.
Corrosion: Causes serious eye damage
Sensitization: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause an allergic skin reaction.
Mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: Based on available data, the classification criteria are not met.
Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

Section 12: Ecological Information

Toxicity information: **Not available.**

BOD5 and COD: **Not available.**

Persistence - degradability: **Biodegradable.**

Bioaccumulative potential: **Not established.**

Toxicity of the Products of Biodegradation: **Not available.**

Special Remarks on the Products of Biodegradation: **Not available.**

Results of PBT and vPvB assessment: **The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.**

Environmental precautions: **Avoid release to the environment.**

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Section 13: Disposal Considerations

Waste Disposal: **Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.**

Special precautions: **Hazardous waste due to toxicity.**

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : **TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.**
UN N° : **3290**
ADR - Class : **6.1**
Labelling – Transport : **6.1 : Toxic substances. 8 : Corrosive substance.**

Sea transport (IMDG) [English only]

Proper shipping name : **TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.**
UN N° : **3290**
IMO-IMDG - Class or division : **6.1 : Toxic substances. 8 : Corrosive substance.**
IMO-IMDG - Packing group : **II**

Air transport (ICAO-IATA) [English only]

Proper shipping name : **TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.**
UN N° : **3290**
IATA - Class or division : **6.1 : Toxic substances. 8 : Corrosive substance.**
IATA - Packing group : **II**

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Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Safety, health and environmental regulations/legislation specific for the substance or mixture. : **Ensure all national/local regulations are observed.**

REACH Restrictions - Annex XVII : **The components of this product are not subject to restrictions.**
REACH Authorisation - Annex XIV : **The components of this product are not subject to authorization.**

Chemical Safety Assessment:
Chemical Safety Assessment : **It has not been carried out.**

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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