

Avocado Research Chemicals Ltd - Material Safety Data Sheet 23353

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER			
Name On Label	Sodium hexachloroiridate(IV) hexahydrate		
Product Number	23353		
Supplier	Johnson Matthey Catalog Company Inc. 30 Bond Street, Ward Hill, Massachusetts, 01835-8099 Emergency Telephone Number: (978) 521-6300; CHEMTREC: (800) 424-9300		
Alternative Names	None in common use.		
2. COMPOSITION AND INFORMATION ON COMPONENTS			
Name	Sodium hexachloroiridate(IV) hexahydrate		
Minor Impurities	Not determined		
CAS No.	16941-25-6	EINECS No. Not listed	EEC No.
3. HAZARDS IDENTIFICATION			
Designation	TOXIC		
Risk Phrases	R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.		
4. FIRST AID MEASURES			
Inhalation	Remove to fresh air. If symptoms arise, seek medical attention. Show the physician the container details.		
Eye Contact	Flush with copious amounts of water for at least 15 minutes. If symptoms arise, seek medical advice.		
Skin Contact	Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If unusual symptoms are observed, seek medical advice. Show the physician the container details.		
Ingestion	Rinse out mouth and drink lots of water. Seek medical attention and show physician the container details.		
5. FIRE FIGHTING MEASURES			
Extinguishing Medium	Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.		
Protective Equipment	Wear self-contained breathing apparatus and protective clothing.		
Hazardous Products of Combustion may include:	hydrogen chloride (hydrochloric acid).		
6. ACCIDENTAL RELEASE MEASURES			
Personal Protection	Avoid inhalation or contact of spilled material with skin or clothing. Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.		
Environmental Protection Collection	Take precautions to ensure product does not contaminate the ground or enter the drainage system. Mix with vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.		
7. HANDLING AND STORAGE			
Handling	Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.		
Storage	Store in tightly sealed containers in a cool place. Protect from moisture.		
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION			
Respiratory	Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.		
Eye	Avoid eye contact. Wear safety spectacles or goggles.		
Hands and Body	Avoid skin contact. Wear rubber gloves and protective clothing. Wash hands thoroughly after handling.		

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23353 continued.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical Constants

Not available

Molecular formula

Cl₆IrNa₂.6H₂O

Formula Wt.

559.04

Water solubility

Density

Not available

Flash Point

Not available

10. STABILITY AND REACTIVITY

Specific Hazard

Incompatibilities

Strong oxidising agents.

Decomposition

Hazardous products of decomposition may include: hydrogen chloride (hydrochloric acid).

11. TOXICOLOGICAL INFORMATION

RTECS No.

Not listed

Acute Toxicity

LD₅₀: Not available

Toxic by inhalation, in contact with skin and if swallowed.

12. ECOLOGICAL EFFECTS

General

Take care to prevent chemicals from entering the ground, water courses or drainage systems.

13. DISPOSAL CONSIDERATIONS

Disposal

Disposal should be via an approved contractor and should take full account of local regulations.

14. TRANSPORT INFORMATION

UN Number

Land Transport

ADR/RIC Code/Class

Packing Group III

Maritime Transport

IMDG Code/Class

Packing Group III

Air Transport

IATA Code/Class

Packing Group III

15. REGULATORY INFORMATION

CAS No. 16941-25-6

EINECS No. Not listed

EEC No.

UN No. None

RTECS No. Not listed

Hazard Indication

TOXIC

Risk & Safety Phrases

Toxic by inhalation, in contact with skin and if swallowed.

Take off immediately all contaminated clothing.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Wear suitable protective clothing, gloves and eye/face protection.

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16. OTHER INFORMATION

It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of Last Review:

1st June 2000

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