

Material Safety Data Sheet

According to Regulation (EU)N.453/2010

Issued 01-01-2020

1. Identification of the substance/preparation and of the company/undertaking

Product name: **IRIDESIUM 42S1**

MSDS number: **IRIDESIUM 42S1**

Manufacturer: **Shanghai King Chemical Co.,Ltd**

ROOM CDEF , 9th Floor, Building D, Weijing Center Tower, NO.2337 GuDai Road , Minhang District, Shanghai, China 201199

Telephone +86-21-67817854

2. Hazards identification

No hazardous product as specified in Directive 67/548 CE and CLP/GHS

3. Composition/information on ingredients

Synthetic Fluorophlogopite coated with Silicon Dioxide/Titanium dioxides/Tin dioxide

4 First aid measures

After inhalation (large amounts): Fresh air / Consult doctor if feeling unwell

After skin contact: Wash off with water

After eye contact: Rinse open eye out with water for several minutes consult doctor if feeling unwell

After swallowing (large amounts): Consult doctor if feeling unwell

5. Fire-fighting measures

Suitable extinguishing media: Use fire extinguishing methods appropriate to surrounding environment

Special Risks: Non-combustible

6. Accidental release measures

Person-related safety precautions: Wear suitable protective equipment. Keep unprotected persons away

Measures for environmental protection: No special measures required

Measures for cleaning / collecting: Pick up mechanically

7. Handling and storage

Handling: No special requirements

Storage: Dry storage

Temperature: No restrictions

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8. Exposure controls/personal protection

Personal protective equipment: Protective clothing suitable for the working place dependant on concentration and quantity of the hazardous substances handled. The protection of the protective clothing to chemicals should be determined by the particular supplier

Respiratory protection: Compulsory when dust is generated

Eye protection: Compulsory

Hand protection: Optional

Industrial hygiene: Wash hands after working with substance

9. Physical and chemical properties

Form: Powder

Colour: According to product specification

Odour: Odourless

Melting point: Not applicable

Boiling point: Not applicable

Ignition temperature: Not applicable

Flash point: Not applicable

Explosion dangers: Not applicable

Density @20 °C: 2.35-3.0 g/cm³

Bulk density: 27-35g/100ml

Solubility in water @20 °C: Negligible

10. Stability and reactivity

Conditions and substances to be avoided: None known

Dangerous Reactions: None known

Hazardous decomposition products: None known

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11. Toxicological information

Acute toxicity: Quantitative toxicity data of this product is not known

Primary irritant effects...

...on the skin: None

...on the eye: None

Sensitization: No sensitizing effects known

Additional toxicological information: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12. Ecological information

General notes: Generally not hazardous for water

13. Disposal considerations

Product: Smaller quantities can be disposed of with household waste / check with local regulations

Packaging: According to local regulations.

14. Transport information

Entire Package: Not dangerous / Not subject to transport regulations

15. Regulatory information

Labeling according to EU directives: The product is not subject to identification regulations

16. Other information

This information is based on our present knowledge and is given in good faith, however this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

For more information please refer to the product Technical Data Sheet (TDS) from your local supplier / Agent or telephone +86-21-67817854