

# IRIDIUM CHEMICAL

PRODUCT  
CATALOGUE

High Quality Construction Chemicals

**SUNCURE**



And Miles to before I sleep, | Prateek Gupta  
and miles to go before I sleep. | Managing Director



# CERTIFICATE

This is to certify that the product listed below conforms to the requirements of the

**Directives Name** 89/106/EEC

**Certificate no.:** IN9641U-2023 **Date of Expiry:** 23 March 2026

**Date of Issue:** 24 March 2023 **Surv. Date :** 23 March 2024

**Manufacturer :** **SUNLIGHT CONSCHEM CORPORATION**

REGD.OFF:-8 TH FLOOR, 801, SHWETA APARTMENT,  
117/H-1/499 PANDU NAGAR, KANPUR, KANPUR NAGAR-208005  
(U.P.) INDIA

**Description of Products :** MANUFACTURING OF CONSTRUCTON CHEMICAL  
(ADMIXTURE, CURING COMPOUND) MICRO SILICA,  
WATER PROOFING, ANTI-STRIPPING

**Other Certification :** N/A

**Standards Applied :** as per industry required

**Report Reference:** SCC/CE/IN9641U-2023

This Report has been Issued by Certiva Limited according to the provision of the Directive 89/106/EEC. This Report is issued following the assessment of the documentation and implementation of the Quality System in accordance with the provisions of the quoted Conformity Assessment Module of the above directives. The CE Mark may be affixed to the press Directive 89/106/EEC. the Scope of approvals as described above once the 'EU declaration of conformity' has been signed by the responsible person.

CE

**Director**



**Certiva Limited**  
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Company Number : 09799171

For precise and updated information concerning the present certificate visit at [www.certiva.co.uk](http://www.certiva.co.uk)



**Sunlight Conschem Corporation**

Head Office: 801 Shweta Apartments, 117/H-1/499, Pandu Nagar, Kanpur-208 005, India

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Website : [www.sunlightconschem.com](http://www.sunlightconschem.com) • Email: [sales@sunlightho.com](mailto:sales@sunlightho.com)

ISO 14001:2015

# Certificate of Registration

*This is to Certify That  
Environmental Management System of*

**SUNLIGHT CONSCHEM CORPORATION**

8TH FLOOR, 801, SHWETA APARTMENT, 117/H-1/499 PANDU NAGAR, KANPUR NAGAR-208005(U.P.) INDIA

*has been assessed and found to conform to the requirements of  
**ISO 14001:2015**  
for the following scope :*

MANUFACTURER OF ADMIXTURE, CURING COMPOUND, ANTI STRIPPING AGENTS, WATER PROOFING, MICRO SILICA, SUNFINE & VARIOUS CONSTRUCTION CHEMICALS.

Certificate No : **24MEERS73**  
Initial Registration Date : 15/04/2024      Issuance Date : 15/04/2024  
Date of Expiry : 14/04/2027  
1st Surv. Due : 15/03/2025      2nd Surv. Due : 15/03/2026



*Demd..*  
DIRECTOR



*Magnitude Management Services Pvt. Ltd.*

Third Floor, A-60, Sector-2, Noida, Gautam Buddha Nagar, U.P.-201301, India. e-mail: info@mmscertification.com, website: www.mmscertification.com  
\*Subject to Successful Surveillance Audit in case Surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn  
Certificate Verification: Please Re-check the validity of certificate at <http://www.mmscertification.com/accreditments.aspx> or [www.mmscertification.com/Active Clients](http://www.mmscertification.com/Active Clients).  
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.

**ISO 14001:2015 - Sunlight Conschem Corp.**

**Sunlight Conschem Corporation**

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## ***Certificate of Registration***

This is to certify that

### **M/S IRIDIUM CHEMICAL**

**8TH FLOOR, 801, SHWETA APATMENT, 117/H-1/499, PANDU NAGAR,  
KANPUR NAGAR, UTTAR PRADESH, 208005, INDIA**

has been independently assessed by QRO  
and is compliant with the requirement of:

**ISO 9001:2015**

### **Quality Management System**

For the following scope of activities:

**MANUFACTURER OF CURING COMPOUND, WATER PROOFING,  
MICRO SILICA, SUNFINE & VARIOUS CONSTRUCTION CHEMICALS**

Date of Certification: 23rd December 2023

2<sup>nd</sup> Surveillance Audit Due: 22nd December 2025

1<sup>st</sup> Surveillance Audit Due: 22nd December 2024

Certificate Expiry: 22nd December 2026

**Certificate Number: 305023122327Q**



A handwritten signature in black ink, appearing to read 'Chirantan'.

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.  
(In case surveillance audit is not allowed to be conducted; this certificate shall be suspended / withdrawn).

**The Validity of this certificate can be verified at [www.qrocrt.org](http://www.qrocrt.org)**

This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

**India Office : QRO Certification LLP**  
142, 11nd Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)  
Website : [www.qrocrt.org](http://www.qrocrt.org), E-mail : [info@qrocrt.org](mailto:info@qrocrt.org)

## **ISO 9001:2015 - Iridium Chemical**

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# Suncure (acrylic Resin/White Pigmented)

SUNCURE is an Acrylic Resin based white pigmented curing compound, which on drying forms a thin barrier, allowing the concrete to retain sufficient water for curing, without disturbing the normal setting action. Thus eliminating the need for keeping the concrete continuously wet. Due to the white pigment it reflects the light and heat and minimizes the loss of moisture. The complete hydration of cement particles reduces the early age cracking and drying shrinkage.

## SPECIFICATIONS

Sr. No.	Test Parameters	Specification	Value Observed
1	Appearance	White Pigmented Liquid	White Pigmented Uniform Liquid
2	Chemical Property	Acrylic Base	Acrylic Resin Based
3	Type of Curing Compound	ASTM C309	ASTM C309, Type II
4	Drying Time	<4 Hrs (ASTM C 156-Sec. 10.3)	2:00 Hrs.
5	Water Retention Water Loss Max.	0.55Kg/m <sup>2</sup> in 72 hrs (ASTM C 156)	0.38kg/m <sup>2</sup>
6	Coverage Area	4.5m <sup>2</sup> /kg	4.5m <sup>2</sup> /kg
7	Specific Gravity	1.02 ± 0.02	1.02
8	Curing Efficiency (Comparison with pond cure)	3 day	> 90%
		7 day	> 90%
		14 day	> 90%
9	Water Retention @72 Hrs (Hot Air)	Bs 7542-1992 British Standard	66.66
10	Min/Max Storage Temp.	-	+100C to + 400C (Direct sunlight should be avoided)
11	Shelf life	-	Three months in unopened original container
12	Other instruction	-	Stir well before use, keep away from direct

## APPLICATION:

Stir Well Before It's use. Spray SUNCURE (Acrylic Resin/White Pigmented) on newly laid concrete immediately after disappearance of water sheen from concrete surface. Spray in two crossed passes will enable to avoid blank. Roller & Brush can be used for hardening concrete. If the concrete has already lost some of surface water then it is recommended to fog down the surface before application.

## PACKING:

210 Kg HDPE Drums. Other packing available on request.

## STORAGE & SHELF LIFE:

Avoid direct sunlight. Store under roof. 3 months in original sealed packing

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# Suncure (aluminized)

SUNCURE (Concrete Curing Compound) is a polymer based continuous film forming curing compound and is supplied as aluminised polymeric resin solution drying to a silver film on application.

## SPECIFICATIONS

Sr. No.	Test Parameters	Specification	Result Observed
1	Appearance	Aluminised Liquid	As per Specification
2	Chemical Property	Synthetic Resin Base	As per Specification
3	Type of Curing Compound	ASTM C 309	Type II
4	Drying Time (min)	4 hrs (ASTMC 156-sec 103)	2:00 Hrs.
5	Water Retention (Kg/m <sup>2</sup> )	0.55Kg/m <sup>2</sup> in 72 hrs (ASTM C 156)	0.40
6	Coverage (m <sup>2</sup> /ltr)	4-5 m <sup>2</sup> /ltr.	4.5 m <sup>2</sup> /Ltr.
7	Specific Gravity	0.95+0.02 (As per specification)	0.95
8	Curing Efficiency (Comparison with pond cure)	3 day	> 90%
		7 day	> 90%
		14 day	> 90%
9	Flash Point (oC)	ASTM D 56	12
10	Volatile Organic Compounds (gm/L)	ASTM D 3960	25
11	Non-Volatile Matter (%)	ASTM D 2369	8
12	Min/Max Storage Temp.	-	+10°C to +40°C (Direct sunlight should be avoided)
13	Shelf life	-	Three months in unopened original container
14	Other instruction	-	Stir well before use, keep away from direct sunlight

## USES:

As a spray applied membrane to retain moisture in concrete for effective curing. Suitable for all general concreting applications and of particular benefit for large area concrete surfaces such as airport runways, roads, bridgeworks & Pavements.

## ADVANTAGES.

It's light reflectance is greater than 60% and provides improved curing of concrete that enhances cement hydration and also provides a more durable concrete. It's control of moisture loss improves surface quality, reduces permeability, produces a hard-wearing and dust free surface that minimises potential for surface cracking and shrinkage. It contains leafing aluminium to minimise solar temperature gain to meet the specification for the reduction of solar temperature again,

**STORAGE:** Should be stored under roof away from sunlight.

**SHELF LIFE:** Three Months in packaged sealed container.

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Iridium Chemical is one of the leading manufacturer and supplier of Dispersing Agent & Construction Chemicals. It is an ISO 14001:2015 company. It has state-of-the-art R&D Lab where highly qualified personals continually strive to enhance the quality of products which then come to market after extensive field trials. Iridium Chemical continually endeavors to enhance the customer experience by achieving Excellency in Quality, Timely Delivery and Competitive Price its Products.

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