

IRIDIUM CHEMICAL

PRODUCT CATALOGUE

High Quality
Construction Chemicals

SUNCURE



And Miles to before I sleep,
and miles to go before I sleep.

Prateek Gupta
Managing Director

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Website : www.sunlightconschem.com • Email: sales@sunlightho.com



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 CONSTRUCTION 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.



Director



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Sunlight Conschem Corporation

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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 Surve. Due	: 15/03/2025	2nd Surve. Due : 15/03/2026



Demul..
DIRECTOR



Magnitude Management Services Pvt. Ltd.

Third Floor, A-60, Sector-2, Noida, Gautam Budhi 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/activeclients.aspx> or www.mmscertification.com at 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

1st Surveillance Audit Due: 22nd December 2024

2nd Surveillance Audit Due: 22nd December 2025

Certificate Expiry: 22nd December 2026

Certificate Number: 305023122327Q



Chunant...
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.qrocert.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, IInd Floor, Avtar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)

Website : www.qrocert.org, E-mail : info@qrocert.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 ² in 72 hrs (ASTM C 156)	0.38kg/m ²
6	Coverage Area	4.5m ² /kg	4.5m ² /k g
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 Its 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 hardened concrete. If the concrete has already lost some of its 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 ²)	0.55Kg/m ² in 72 hrs (ASTM C 156)	0.40
6	Coverage (m ² /ltr)	4-5 m ² /ltr.	4.5 m ² /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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