

**SilForce* UV9390C
PHOTOCATALYST SOLUTION****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufacturer Name: Momentive Performance Materials LLC
260 Hudson River Road
Waterford NY 12188

Revised: 11/12/2013
Prepared by Product Safety Team
CHEMTREC 1-800-424-9300
MSDS Contact 1-888-443-9466
Information 4information@momentive.com

Formula: Catalyst

HMIS

Health: 1 Flammability: 0 Reactivity: 1

NFPA

Health: 1 Flammability: 0 Reactivity: 1

2. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

CAUTION! Irritating to eyes, respiratory system and skin.

Form: Liquid

Color: Amber

Odor: Faint

POTENTIAL HEALTH EFFECTS**INGESTION**

May cause abdominal pain with vomiting, nausea, diarrhea, or dizziness.

SKIN

Causes mild skin irritation.

EYES

May irritate eyes.

MEDICAL CONDITIONS AGGRAVATED

None known.

SUBCHRONIC (TARGET ORGAN)

None known.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**SilForce* UV9390C
PHOTOCATALYST SOLUTION****ROUTES OF EXPOSURE**

Eye; Ingestion

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>PRODUCT COMPOSITION</u>	<u>CAS-No.</u>	<u>WGT. %</u>
<u>A. HAZARDOUS</u>		
OXIRANE, MONO[(C12-14 -ALKYLOXY)METHYL] DERIVS.	68609-97-2	30 - 60 %
BIS(4-DODECYLPHENYL)IODONI UM HEXAFLUOROANTIMONATE	71786-70-4	30 - 60 %
2-ISOPROPYLTHIOXANTHONE	5495-84-1	1 - 5 %

B. NON-HAZARDOUS**4. FIRST AID MEASURES****INGESTION**

Do NOT induce vomiting. Consult a physician for specific advice.

SKIN

Wash area with soap and water. If skin irritation occurs: Get medical advice/attention. Take off immediately all contaminated clothing.

INHALATION

Move to fresh air.

EYES

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

NOTE TO PHYSICIAN

Treatment is symptomatic and supportive.

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5. FIRE-FIGHTING MEASURES

FLASH POINT: ca. 154 °C; 309 °F
FLAMMABLE LIMITS LEL: No data available.
FLAMMABLE LIMITS UEL: No data available.

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE

Avoid contact with skin and eyes.

EXTINGUISHING MEDIA

All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

FURTHER INFORMATION

Use water spray to keep fire-exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Absorb spillage with suitable absorbent material.

ENVIRONMENTAL PRECAUTIONS

Do not allow runoff to sewer, waterway or ground.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Use personal protective equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING CONTROLS**

Eye wash facilities and emergency shower must be available when handling this product.; Use only in well-ventilated areas.

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

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Exposure Guidelines

Component	CAS-No.	Source	Value
BIS(4-DODECYLPHE NYL)IODONIUM HEXAFLUOROANTI MONATE	71786-70-4	ACGIH, TWA	0.5 mg/m3
BIS(4-DODECYLPHE NYL)IODONIUM HEXAFLUOROANTI MONATE	71786-70-4	ACGIH,	Listed.
BIS(4-DODECYLPHE NYL)IODONIUM HEXAFLUOROANTI MONATE	71786-70-4	OSHA Z1, PEL	0.5 mg/m3
BIS(4-DODECYLPHE NYL)IODONIUM HEXAFLUOROANTI MONATE	71786-70-4	OSHA Z1,	Listed.
BIS(4-DODECYLPHE NYL)IODONIUM HEXAFLUOROANTI MONATE	71786-70-4	ACGIH, TWA	0.5 mg/m3

Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit

OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°C):	>200 °C; 392 °F
FREEZING POINT:	< -40 °C; -40 °F
PHYSICAL STATE:	Liquid
ODOR:	Faint
Color:	Amber
DENSITY:	ca. 1.08 g/cm3
pH:	ca. 4
VOLATILE ORGANIC CONTENT:	< 1 %(m)
VOC EXCL. H2O & EXEMPTS (G/L):	< 11 g/l

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10. STABILITY AND REACTIVITY**STABILITY**

Material is stable under normal conditions.

HAZARDOUS POLYMERIZATION.

Hazardous polymerisation does not occur.

INCOMPATIBLE MATERIALS

Avoid contact with acids and oxidizing substances. Contact with water. Light. Avoid amines.

CONDITIONS TO AVOID

Ultraviolet light. Do not freeze. Temperatures over 85°F/30°C.

11. TOXICOLOGICAL INFORMATION**ACUTE ORAL**

Remarks: No data available.

ACUTE DERMAL

Remarks: No data available.

ACUTE INHALATION

Remarks: No data available.

OTHER

None.

SENSITIZATION

No data available.

SKIN IRRITATION.

No data available.

EYE IRRITATION

No data available.

MUTAGENICITY

No data available.

OTHER EFFECTS OF OVEREXPOSURE

None known.

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No data available.

CHEMICAL FATE

No data available.

13. DISPOSAL CONSIDERATIONSNone**14. TRANSPORT INFORMATION****Further Information:**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Sensitive to frost from 0°C. Keep away from food, foodstuff, acids and bases. keep away from odour sensitive materials

15. REGULATORY INFORMATION**Inventories**

Australia Inventory of Chemical Substances (AICS)	q (quantity restricted)	
EU list of existing chemical substances	y (positive listing)	
Japan Inventory of Existing & New Chemical Substances (ENCS)	n (Negative listing)	
China Inventory of Existing Chemical Substances	y (positive listing)	
Korea Existing Chemicals Inventory (KECI)	n (Negative listing)	
Canada DSL Inventory	q (quantity restricted)	
Canada NDSL Inventory	n (Negative listing)	
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive listing)	
TSCA list	y (positive listing)	On TSCA Inventory

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For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information**SARA (311,312) HAZARD CLASS**

Acute Health Hazard

SARA (313) CHEMICALS

71786-70-4, Bis(4-dodecylphenyl)iodonium hexafluoroantimonate.

CALIFORNIA PROPOSITION 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canadian Regulatory Information**WHMIS CLASSIFICATION**

D2B - Toxic Material Causing Other Toxic Effects

16. OTHER INFORMATION**OTHER**

C = ceiling limit NEGL = negligible
EST = estimated NF = none found
NA = not applicable UNKN = unknown
NE = none established REC = recommended
ND = none determined V = recommended by vendor
SKN = skin TS = trade secret
R = recommended MST = mist
NT = not tested STEL = short term exposure limit
ppm = parts per million ppb = parts per billion

By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2).
, These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.