

## SAFETY DATA SHEET

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### Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name	OC-FCa Reagent
Product code	V-PH11
Recommended Use and Restrictions on Use	For research use only
Supplier Name:	Eiken Chemical Co., Ltd.
Address:	4-19-9, Taito, Taito-ku, Tokyo 110-8408 JAPAN
Telephone number:	+81-3-5846-3479 (8:45 – 17:30 JST on WEEKDAY)
Telefax number:	+81-3-5846-3490

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### Section 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

Classification according to 29 CFR Sec 1910.1200 and EC 1272/2008

Not classified as dangerous mixtures according to 29 CFR Sec 1910.1200 and EC 1272/2008

This product contains Sodium Azide, with less than or equal to 0.1%.

#### Label Elements

Pictograms	Not applicable
Signal Words	Not applicable
Hazard Statements	Not applicable
Precautionary Statements	Not applicable

**Supplemental Hazard Statements** None

**Other Hazards** None

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### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture	Mixture	
Composition	Buffer	No hazardous ingredient
	Latex reagent	No hazardous ingredient
Information on Chemical Properties		
Hazardous ingredients (Common names and synonyms)	Not applicable	
Chemical Formula	Not applicable	
CAS No.	Not applicable	
Other identifiers	Not applicable	

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### Section 4: FIRST-AID MEASURES

Inhalation	Move the victim to fresh air. Rest in a comfortably breathing position. If you feel unwell, consult a physician.
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Skin Contact	IF ON SKIN: Wash with plenty of water. If skin irritation occurs, consult a physician.
Eye Contact	IF IN EYES: Rinse cautiously with water for 15 minutes or longer. If eye irritation persists, consult a physician.
Ingestion	IF SWALLOWED: Fully rinse mouth out with water. If you feel unwell, consult a physician.
Anticipated Acute Effects and Delayed Effects	No data available
Most important Symptoms/Effects	No data available

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**Section 5: FIRE-FIGHTING MEASURES**

Extinguishing Media	Water spray, powder, CO <sub>2</sub> , foam
Prohibited Extinguishing	Not applicable
Specific Hazards arising from the Substance or Mixture	No data available
Special Protective Actions for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

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**Section 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment, Emergency Procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove ignition sources.
Environmental Precautions	Do not pour product down the drain or river directly.
Methods for Cleaning Up	Wipe up the solution with disposal without creating dust. Keep in suitable, closed containers for disposal.
Reference to Other Section	For disposal, see section 13.

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**Section 7: HANDLING AND STORAGE**

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid inhalation of vapour or mist. Keep away from sources of ignition.
Conditions for Safe Storage, Including Any Incompatibilities	Store this product in a cool, dark location at 2 – 10°C, and avoid freezing.
Specific End Use(s)	None

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**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Control Parameters	Components with workplace control parameters: no data available.
Exposure Controls	
Engineering measures	Not restricted
Personal protective equipment	Not restricted

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**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

	Buffer	Latex reagent
Color	Colorless	Milky white

Physical state	Liquid, odorless	Liquid, odorless
pH	7.2-7.6	7.1-7.5
Melting point/ Freezing Point	No data available	
Boiling Point/ Initial Boiling Point / Boiling Range	No data available	
Flash Point	No data available	
Flammability Range/ Explosive range	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Specific gravity Relative Density	No data available	
Solubility n Octenol/ Water partition coefficient	No data available	
Spontaneous Ignition Temperature	No data available	
Decomposition Temperature	No data available	
Odor Threshold	No data available	
Evaporation Rate	No data available	
Solubility	Polystyrene Latex in the solution is insoluble in water. The other components are highly soluble in water.	
Flammability	No data available	

**Section 10: STABILITY AND REACTIVITY**

Reactivity	No data available
Stability	Stable until expiry date under recommended conditions.
Hazardous Reaction Possibility	No data available
Conditions to Avoid	No data available
Incompatible Materials	No data available
Hazardous Decomposition Substances	In the event of fire: see section 5

**Section 11: TOXICOLOGICAL INFORMATION**

Acute toxicity	No data available
Skin Corrosivity/ Irritative	No data available
Serious Eye Damage/ Irritative	No data available
Respiratory Sensitization/ Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available

Specific target organ/ Systemic toxicity(Single Exposure)	No data available
Specific target organ/ Systemic toxicity(Repeated Exposure)	No data available
Aspiration Hazard	No data available
Additional Information	No data available

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**Section 12: ECOLOGICAL INFORMATION**

Toxicity	No data available
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Results of PBT and VPVB Assessment	No data available
Other Adverse Effects	No data available

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**Section 13: DISPOSAL CONSIDERATIONS**

Waste Treatment Methods	Product Dispose in a safe manner in accordance with local disposal regulations.
Contaminated Containers and Packaging	Dispose the package of the product in accordance with local disposal regulations.

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**Section 14: TRANSPORT INFORMATION**

UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class	Not applicable
Packaging Group	Not applicable
Limited Quantity	Not applicable

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**Section 15: REGULATORY INFORMATION**

This safety datasheet complies with the requirements of 29 CFR Sec 1910.1200 and EC 1272/2008

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture	Not applicable
Chemical Safety Assessment	No data available

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**Section 16: OTHER INFORMATION**

The above information is provided based on our best knowledge and information at the date of its publication. It does not represent any guarantee of this product. In case of special handling, carry out safety measures as appropriate for the application and method of use before attempting to use the substance with user's own responsibility. Eiken Chemical shall not be held liable for any damage from use of this information or from use of this product.