

SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name	OC-SENSOR FIT Latex Reagent
Product code	V-PZ01
Recommended Use and Restrictions on Use	For in vitro diagnostics use only
Supplier Name:	Eiken Chemical Co., Ltd.
Address:	4-19-9 Taito, Taito-ku, Tokyo, 110-8408 JAPAN
Telephone number:	Tel: +81-280-56-1250
Telefax number:	Fax: +81-280-56-2422

Section 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

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

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

Skin irritation (Category 2)
 Eye irritation (Category 2)
 Skin sensitization (Category 1)

Label Elements

Pictograms



Signal Words

Warning

Hazard Statements

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

Precautionary Statements

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink, or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace.

P272

Avoid release to the environment.

P273

Wear protective gloves/ protective clothing/ eye protection/ face protection.

P280

Supplemental Hazard Statements

This product contains ProClin 300.
 ≤ 0.2 w/v %

Other Hazards

None

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture	Mixture
Composition	0.2% ProClin 300

Information on Chemical Properties

Hazardous ingredients (Common names and synonyms)	ProClin 300
Chemical Formula	Not applicable
CAS No.	55965-84-9
Other identifiers	Not applicable

Section 4: FIRST-AID MEASURES

Skin Contact	IF ON SKIN (or hair): Rinse cautiously with water for several minutes. If skin irritation or rash occurs, get medical advice/attention.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion	IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
Anticipated Acute Effects and Delayed Effects	No data available
Most important Symptoms/Effects	See Section 2 Hazard Statements and Section 11

Section 5: FIRE-FIGHTING MEASURES

Extinguishing Media	Water spray, powder, CO ₂ , foam
Prohibited Extinguishing	Not applicable
Specific Hazards arising from the Substance or Mixture	Carbon oxides, Nitrogen oxides (NO _x), Hydrogen chloride gas
Special Protective Actions for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

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.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
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

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters	Components with workplace control parameters: no data available.
Exposure Controls	
Engineering measures	Use at a laboratory with facilities for washing body and eyes.
Personal protective equipment	Use personal protective equipment to avoid contact with eyes, mouth, skin, and clothing respond to situations. Wear protective gloves. Chemical goggles or safety glasses.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Color	Milky white
Physical state	Liquid, odorless.
pH	7.2 – 7.6
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
n-Octanol/ 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	ProClin 300 LD50 Oral - rat - 862 mg/kg LD50 Dermal-rabbit - 2,800 mg/kg
Skin Corrosivity/ Irritative	ProClin 300 Skin - rabbit - Skin corrosive
Serious Eye Damage/ Irritative	ProClin 300 Eyes - rabbit - Corrosive to eyes
Respiratory Sensitization/ Skin Sensitization	ProClin 300 Guinea pig – May cause sensitization by skin contact.
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	ProClin 300 RTECS: Not available To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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	ProClin 300 This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other Adverse Effects	ProClin 300 An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

During transportation, be sure the container has no leakage, not placed upside down, well packed up as to not collapse and crash on the floor and have any cracks.

The temperature of transportation should be 2 - 10°C.

Section 15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture This safety datasheet complies with the requirements of 29 CFR Sec 1910.1200, EC 1272/2008, and GHS

Chemical Safety Assessment No data available

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.