

SAFETY DATA SHEET

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product name	RUO QC-SAA H EIKEN
Product code	V-SZ14
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

Section 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008

Skin sensitization (Category 1)

Label Elements

Pictograms



Signal Words

Warning

Hazard Statements

H317

May cause an allergic skin reaction.

Precautionary Statements

P272

Contaminated work clothing should not be allowed out of the workplace.

P280

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

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

Supplemental Hazard Statements

None

Other Hazards

The serum is tested for HBs antigens, HIV antibodies and HCV antibodies, and only serum that tests negative is used. However, when using these reagents, handle them with the same degree of caution as patient samples.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture	Mixture
Composition	RUO QC-SAA H EIKEN (Freeze-dried product 2 ml × 5) ProClin300 0.2% Contains Human Serum
Information on Chemical Properties	
Hazardous ingredients (Common names and synonyms)	ProClin300
Chemical Formula	-

CAS No. 55965-84-9

Other identifiers -

Section 4: FIRST-AID MEASURES

Inhalation	Move the victim to fresh air. Rest in a comfortably breathing position. Consult a physician.
Eye Contact	IF IN EYES: Wash with plenty of water immediately for at least 15 minutes. Consult a physician.
Skin Contact	IF IN SKIN: Wash with plenty of water. Consult a physician.
Ingestion	IF SWALLOWED: Wash your mouth with plenty of water. Consult a physician.
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, 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.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
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.
Conditions for Safe Storage, Including Any Incompatibilities	Store at 2-10 °C. Keep container closed and away from direct sunlight. Do not freeze.
Specific End Use(s)	No data available

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.
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Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Color	Clear and pale yellow
Physical state	Freeze-dried, odorless.
pH	No data available
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
Flammability(Solid/Gas)	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	Extremes of temperature and direct sunlight, Moisture.
Incompatible Materials	No data available
Hazardous Decomposition Substances	In the event of fire: see section 5.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	ProClin300 LD50 Oral - Rat – 862 mg/kg LC50 Inhalation - No data available LD50 Dermal - Rabbit – 2,800 mg/kg
Skin Corrosivity/ Irritative	ProClin300 Skin – Rabbit - Corrosive

Serious Eye Damage/ Irritative	ProClin300 Eyes – Rabbit – Corrosive to eyes
Respiratory Sensitization/ Sensitization	ProClin300 Guinea pig – May cause sensitisation by skin contact.
Germ Cell Mutagenicity	No data available
Carcinogenicity	ProClin300 No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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	No data available
Other Adverse Effects	ProClin300 Very toxic to aquatic life with long lasting effects.

Section 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods	Product Due to the Ingredients of human serum, an activated sludge treatment with autoclave sterilization should be performed and then dispose in accordance with local disposal regulations.
	Contaminated Containers and Packaging Dispose the package of the product in accordance with local disposal regulations.

Section 14: TRANSPORT INFORMATION

No restrictions apply.

Section 15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

No. V-SZ14e-01

Product name: RUO QC-SAA H EIKEN

Product code: V-SZ14

Establishment: Jul 1, 2021

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture Not applicable

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.