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MATERIAL SAFETY DATA SHEET

❖ SECTION 1. PRODUCT IDENTIFICATION

PRODUCTS :

HM060 IMMUNO-TROL CONNECTIVE 1	HM067 IMMUNO-TROL VASCULITIS
HM061 IMMUNO-TROL CONNECTIVE 2	HM067D IMMUNO-TROL VASCULITIS +ds DNA
HM062 IMMUNO-TROL APS IgG	HM068 IMMUNO-TROL GASTRITIS
HM063 IMMUNO-TROL APS IgM	HM069 & HM069LL IMMUNO-TROL CELIAC IgG
HM064 IMMUNO-TROL RHEUMA	HM070 & HM070LL IMMUNO-TROL CELIAC IgA
HM065 IMMUNO-TROL THYRO	HM071 IMMUNO-TROL ASCA G+A
HM066 & HM066LL & HM066LKM IMMUNO-TROL CYTO	

❖ SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components:

Name	Components
IMMUNO-TROL	<ul style="list-style-type: none"> - Multiparameters Internal Quality Control. - Preserved with ProClin 300 (CAS: 55965-84-9). - Preserved with sodium azide (CAS: 26628-22-8 ; N°-CE : 247-852-1) .

❖ SECTION 3. HAZARDS IDENTIFICATION

Primary health hazards:

Components	Hazards
Sodium azide (NaN ₃)	Contains less than 0,1 % total weight of sodium azide as a preservative. CAS : 26628-22-8 ; N°-CE : 247-852-1
ProClin 300	Contains less than 0,06 % total weight of ProClin 300 as preservative. CAS : 55965-84-9

BSA	Contains less than 2% total weight of BSA for the buffer solution. CAS: 9048-46-8.
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Human source material: treat as potentially infectious

Human serums used in the preparation of this product have been tested and found non-reactive for the presence of Hepatitis B surface antigen (HBsAg), antibody anti-HIV 1 and 2, and anti-HCV. No known test method can offer complete assurance that Hepatitis B virus, HIV, HCV, or other infectious agents are absent. Handle all biological materials as through capable of transmitting infection.

❖ SECTION 4. FIRST-AID MEASURES

Contact with eyes:

Immediately flush with water during at least 20 minutes, separating the eyelid.

Contact with skin:

Wash off thoroughly with plenty of clean running water. Remove and wash contaminated clothing.

Ingestion:

Obtain medical attention

Inhalation:

Go away from exposure. In case of breath difficulty, obtain medical attention if necessary.

IN CASE OF ACCIDENT OR IF YOU DO NOT FEEL WELL, OBTAIN IMMEDIATELY MEDICAL ATTENTION.

❖ SECTION 5. FIRE-FIGHTING MEASURES

Flammability:

Not combustible.

Suitable extinguishing agents:

Water, CO₂, polymer foam or dry chemical.

Firefighting instructions:

Wear approved self-contained breathing apparatus pressure and full protective gear to prevent contact with skin and eyes

❖ SECTION 6. ACCIDENTAL RELEASE

Personal protection:

Wear individual protective clothing, gloves, safety glasses/goggles, laboratory coat, to prevent exposure.

Dumping:

Wipe up spills with inert absorbent materials and place in a suitable container.

❖ SECTION 7. HANDLING AND STORAGE

Handling:

Normal precautions for handling chemicals must be observed.

Storage:

Keep containers tightly closed when not in use. Store in a dry, well ventilated storage area (between +2°C and +8°C). Protect from physical damage.

❖ SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Components	CAS	Value	Control parameters	Basis
Sodium azide (NaN ₃)	26628-22-8	TWA	0,1 mg/m ³	ECTLV
		STEL	0,3 mg/m ³	ECTLV
		VME	0,1 mg/m ³	FVL
		VLCT	0,3 mg/m ³	FVL
ProClin 300	55965-84-9	N/A	N/A	N/A
BSA	9048-46-8	N/A	N/A	N/A

Respiratory protection: good local ventilation.

Eyes protection: safety glasses/goggles.

Skin protection: laboratory coat.

Hands protection: One-way gloves.

❖ SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid.

Odor: solutions are odorless .

Boiling point: N/A

Melting point: N/A

Flash point: N/A

Explosion limit: N/A

Vapor pressure (mm Hg): N/A

Density: N/A

Viscosity: N/A

Solubility in water: solutions are soluble.

❖ SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under ordinary condition of storage and use.

Hazardous polymerization: N/A

Conditions and materials to avoid: N/A

Hazardous conditions: N/A

Hazardous decomposition products: N/A

❖ SECTION 11. TOXICOLOGICAL INFORMATION

Components	Toxicity
Sodium azide (NaN ₃)	DL50 (oral, rat) = 27 mg/kg DL50 (dermis, rabbit) = 20 mg/kg
ProClin 300	DL50 (oral, rat) = 862 mg/kg DL50 (dermis, rabbit) = 2800 mg/kg
BSA	N/A

❖ SECTION 12. ECOLOGICAL INFORMATION

Components	Toxicity
Sodium azide (NaN ₃)	CL50 (Lepomis macrochirus) = 0,7 mg/L – 96h CE50 (Daphnia pulex) = 4,2 mg/L - 48h IC50 (culture mixte d'algues vertes) = 272 mg/L CE50 (Photobacterium phosphoreum) = 38,5 mg/mL
ProClin 300	N/A
BSA	N/A

❖ SECTION 13. DISPOSAL CONSIDERATION

Observe all Governmental environmental regulations for waste disposal. Chemical waste generators must determine if a discarded chemical is classified as a hazardous waste. Contact a licensed professional waste disposal service for disposal of unused product.

All Human sources and other potentially infectious material must be appropriately decontaminated or disposed of as infectious material; check your applicable ordinances accordingly.

Remains controls should be collected in a container for biological waste and disposed of according to requirements.

❖ SECTION 14. TRANSPORT INFORMATION

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

Sea transport notes (IMDG): not classified

Air transport notes (IATA): not classified

Road or rail transports notes (ADR/RID): not classified

UN number: not applicable

UN proper shipping name: not applicable

Transport hazard class(es): not applicable

Packing group: not applicable

Environmental hazards: not applicable

Special precautions for user: not applicable




Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: not applicable

❖ SECTION 15. REGULATORY INFORMATION

Products are classified and identified according to the European Communities regulation number 1272/2008 on dangerous substances.

❖ SECTION 16. OTHER INFORMATIONS

The reagent contains 0.06% ProClin®300 and <0.1% of sodium azide. Do not eat and avoid contact with skin and eyes. Azide can form explosive mixtures in copper or lead piping. Rinse thoroughly after flushing. At this concentration, ProClin®300 is a skin sensitizer, prolonged or repeated exposure may cause allergic reaction in certain sensitive individuals.

 provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.  makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly,  will not be liable for any claims, losses or damages resulting from use of or reliance upon this information.

Risk phrase(s):

H317: May cause an allergic skin reaction

Precautionary statements:

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

Intervention:

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P321: Specific treatment (see section 4 on this material safety data sheet)

P362 + P364: Take off contaminated clothing and wash before reuse.

P333 + P313: If skin irritation or rash occurs: Get medical advice/attention.

Elimination:

P501: Dispose of contents/container to appropriate containers in accordance with the local/regional/international regulations.