

Section 1: Identification

Product name: Human IL-1 β ; ELISA
Product number: TBS3219
Identified uses: Laboratory chemicals, Synthesis of substances.

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Section 2: Hazard(s) Identification

Hazard Classification: Corrosive to metals (Category 1), H290
 Skin irritation (Category 2), H315
 Eye irritation (Category 2A), H319
 For the full text of the H-Statements mentioned in this Section, see Section 16.

Signal Word(s): Warning
Hazard Statements: H290: May be corrosive to metals.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.

Pictograms:



Precautionary Statements:

P234: Keep only in original container.
 P264: Wash skin thoroughly after handling.
 P280: Wear protective gloves/ eye protection/ face protection.
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332 + P313: If skin irritation occurs: Get medical advice/ attention.
 P337 + P313: If eye irritation persists: Get medical advice/ attention.
 P362: Take off contaminated clothing and wash before reuse.
 P390: Absorb spillage to prevent material damage.
 P406: Store in corrosive resistant container with a resistant inner liner.

Description of other hazards:

None

Section 3: Composition/ Information on Ingredients		
Chemical Name	CAS#	Concentration (%)
Proclin 300 Mixture = .005% (active ingredients)	96118-96-6	
Mixture of 5-Chloro-2-Methyl-4- Isothiazolin-3-One (26172-55-4) and 2-Methyl-4- Isothiazolin-3- One (2682-20-4)	55965-84-9	= .005

Section 4: First-Aid Measures

After skin contact:	Immediately wash skin with copious amounts of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a doctor.
After eye contact:	Flush with copious amounts of water for at least 15 minutes. Consult a doctor.
After inhalation:	Remove to fresh air and monitor breathing. If breathing becomes difficult, give oxygen. If breathing stops, give artificial respiration. Consult a doctor.
After swallowing:	Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Consult a doctor.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Unsuitable extinguishing agents:	No data available.
Specific hazards arising from chemical:	In combustion, may emit toxic fumes.
Special protective equipment for firefighters:	Wear suitable protective clothing to prevent contact with skin and eyes and self-contained breathing apparatus.

Section 6: Accidental Release Measures

Personal precautions:	Do not act without suitable protective clothing - see section 8 of SDS. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid breathing vapors, mist, dust, or gas.
Measures for environmental protection:	Do not let product enter drains.
Measures for cleaning/collecting:	Cover spillage with suitable absorbent material. Hold all material for appropriate disposal as described under section 13 of SDS.

Section 7: Handling and Storage

Handling:	Avoid inhalation, contact with eyes, skin, and clothing. Avoid the formation of dust and aerosols. Use in a well-ventilated area. Keep
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away from sources of ignition. Avoid prolonged or repeated exposure.

Storage: Store in cool, well-ventilated area. Keep away from direct sunlight. Keep container tightly sealed until ready for use.

Section 8: Exposure Controls/Personal Protection

Engineering controls: Use in a fume hood where applicable. Ensure all engineering measures described under section 7 of SDS are in place. Ensure laboratory is equipped with a safety shower and eye wash station.

General protective and hygienic measures: Wear appropriate protective clothing.

Breathing equipment: If risk assessment indicates necessary, use a suitable respirator.

Protection of hands: Use appropriate chemical resistant gloves (minimum requirement uses standard BS EN 374:2003). Gloves should be inspected before use. Wash and dry hands thoroughly after handling.

Eye protection: Use appropriate safety glasses.

Section 9: Physical and Chemical Properties

Physical state: No data available.
Color: Lyophilized white powder or clear liquid.
Odor: Little to none.
Odor threshold: No data available.
pH: No data available.
Melting point/freezing point: No data available.
Boiling point/boiling range: No data available.
Flash point: No data available.
Evaporation rate: No data available.
Flammability: No data available.
Upper/lower flammability or explosive limits: No data available.
Vapor pressure: No data available.
Vapor density: No data available.
Relative density: No data available.
Solubility: No data available.
Partition coefficient: No data available.
Auto ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

Section 10: Stability and Reactivity

Reactivity: Stable under recommended transport or storage conditions.

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Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to avoid:	Heat, moisture.
Incompatible materials:	Strong acids/alkalis, strong oxidizing/reducing agents.
Hazardous decomposition products:	Strong acids/alkalis, strong oxidizing/reducing agents.

Section 11: Toxicological Information

Acute toxicity:	Classified based on available data.
Skin:	There may be mild irritation at the site of contact.
Eye:	There may be irritation and redness.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
Germ cell mutagenicity:	Classified based on available data.
Carcinogenic effects:	Classified based on available data.
Reproductive toxicity:	Classified based on available data.
STOT - single exposure:	Classified based on available data.
STOT - repeated exposure:	Classified based on available data.
Aspiration hazard:	Classified based on available data.

Section 12: Ecological Information

Ecotoxicity:	No data available.
Mobility:	No data available.
Biodegradation:	No data available.
Bioaccumulation:	No data available.
Other adverse effects:	No data available.

Section 13: Disposal Considerations

Waste from residues/unused products:	Transfer to a suitable container and arrange for collection by specialized disposal company in accordance with national, regional, or local legislation.
Contaminated packaging:	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes in accordance with national, regional, or local legislation.

Section 14: Transport Information

<u>DOT regulations</u>	
UN number:	Does not meet the criteria for classification as hazardous for transport.
UN shipping name:	Does not meet the criteria for classification as hazardous for transport.

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Hazard class:	Does not meet the criteria for classification as hazardous for transport.
Packing group:	Does not meet the criteria for classification as hazardous for transport.
Marine pollutant:	Does not meet the criteria for classification as hazardous for transport.
Transport in bulk:	Does not meet the criteria for classification as hazardous for transport.
Special precautions:	Does not meet the criteria for classification as hazardous for transport.

Section 15: Regulatory Information

SARA Section 313 (specific toxic chemical listings):	No data available.
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):	No data available.
TSCA (Toxic Substances Control Act):	No data available.

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