

Section 1: Identification

Product name: Equine IL-2 ELISA Kit
Product number: TBS106002
Identified uses: Laboratory chemicals, Synthesis of substances.

Company: Tribioscience
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 Sunnyvale, CA 94085

Phone: 408-498-0197
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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: Warning
Hazard Statements: H290: May be corrosive to metals.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.

Pictogram:



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 (%)
Sulfuric acid	7664-93-9	1-3
Section 4: First-Aid Measures		
After skin contact:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER/doctor.	
After eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.	
After inhalation:	Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.	
After swallowing:	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.	
Section 5: Fire-Fighting Measures		
Suitable extinguishing agents:	Use an extinguishing agent suitable for the surrounding fire, such as water spray, carbon dioxide, dry chemical powder, or appropriate foam. Prevent contact with skin and eyes.	
Unsuitable extinguishing agents:	No data available.	
Specific hazards arising from chemical:	In a fire or if heated, a pressure increase will occur, and the component containers may burst.	
Special protective equipment for firefighters:	No data available.	
Section 6: Accidental Release Measures		
Personal precautions:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.	
Measures for environmental protection:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).	

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Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7: Handling and Storage**Handling:**

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. Keep away from incompatible materials (see Section 10) and food and drink.

Storage:

Recommended storage temperature -20 °C
Storage class (TRGS 510): 8B: Non-combustible, corrosive hazardous materials

Section 8: Exposure Controls/Personal Protection**Engineering controls:**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

General protective and hygienic measures:

Wear suitable protective clothing, including gloves, safety glasses, dust mask, and a laboratory coat.

Breathing equipment:

No data available.

Protection of hands:

No data available.

Eye protection:

No data available.

Section 9: Physical and Chemical Properties

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Physical state:	Liquid.
Color:	Colorless.
Odor:	Odorless.
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:	No data available.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid:	No data available.
Incompatible materials:	No data available.
Hazardous decomposition products:	No data available.

Section 11: Toxicological Information

Acute toxicity:	No data available.
Skin:	Sulfuric Acid (stop solution): Skin irritant or corrosion.
Eye:	Sulfuric Acid (stop solution): Risk of serious damage to eyes.
Inhalation:	No known significant effects or critical hazards.
Germ cell mutagenicity:	No data available.
Carcinogenic effects:	No data available.
Reproductive toxicity:	No data available.
STOT - single exposure:	No data available.
STOT - repeated exposure:	No data available.
Aspiration hazard:	No data available.

Section 12: Ecological Information

Ecotoxicity:	No data available.
Mobility:	No data available.
Biodegradation:	No data available.
Bioaccumulation:	No data available.

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Other adverse effects: May be harmful to the environment, particularly aquatic organisms.

Section 13: Disposal Considerations

Waste from residues/unused products: Disposal should be in accordance with applicable national, state, and local laws and regulations. Local regulations may be more stringent than national or state requirements. Verify local and state regulations before discharging into public sewers or landfills. Do not dump into any body of water. Contact a licensed professional waste disposal service for appropriate methods of disposal.

Contaminated packaging: No data available.

Section 14: Transport Information

DOT regulations

UN number: 3264
UN shipping name: Corrosive liquid, acidic, inorganic, n.o.s. (Sulfuric acid)

Hazard class: 8
Packing group: III
Marine pollutant: No data available.
Transport in bulk: No data available.
Special precautions: No data available.

Section 15: Regulatory Information

SARA Section 311/312: Acute Health Hazard, Chronic Health Hazard.
SARA Section 313 (specific toxic chemical listings): Sulfuric Acid (Stop Solution): Concentration
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): No data available.
TSCA (Toxic Substances Control Act): All ingredients are on the inventory or exempt from listing.

Date of preparation/update: 12/23/20