

1. Identification

Product Name Span & Tween – ECD Fluid Supplement

Part Number 104719

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Laboratory chemicals

Uses Advised Against Food

Details of the supplier of the safety data sheet

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2. Hazard(s) Identification

Classification of the substance or mixture Classification according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200). This mixture does not meet the criteria for classification.

Labeling Elements Labelling according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) not required.

Other Hazards Not determined.

3. Composition and Information on Ingredients

Mixtures

Name of substance	CAS No.	Weight (%)
Polysorbate 80, Tween 80	9005-65-6	50
Sorbitan Monooleate	1338-43-8	50

4. First-Aid Measures

General Notes	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Inhalation	Remove to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Do NOT induce vomiting. Rinse mouth with water only if the person is conscious. Call a physician or poison control center immediately.
Most important symptoms and effects, both acute and delayed	Symptoms and effects are not known to date.
Indication of any immediate medical attention and special treatment needed	None

5. Fire-fighting Measures

Suitable extinguishing media	Use water spray, BC-powder, or carbon dioxide.
Unsuitable extinguishing media	Water jet.
Special hazards arising from the substance or mixture	Carbon monoxide (CO) and carbon dioxide (CO ₂).
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further Information	No data available.

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures	Use personal protective equipment. Avoid breathing vapours, mist or gas.
Environmental precautions	Do not allow material to contaminate ground water system. Keep away from drains
Methods and material for containment and cleaning up	Cover drains. Soak up with inert absorbent material (e.g., sand, universal binder, sawdust).

7. Handling and Storage

Precautions for safe handling	Use only in well-ventilated areas. Wash hands after use. Do not keep food or drink in the vicinity of chemicals. Do not store in containers regularly used for food or drink.
Conditions for safe storage, including any incompatibilities	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure Controls and Personal Protection

Exposure Guidelines	This information is not available.
Appropriate engineering controls	Use in a well-ventilated area.
Personal Protective Equipment	
Eye/face Protection	Wear appropriate protective eyeglasses or chemical safety goggles.
Skin Protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory Protection	Wear respiratory protection in case of inadequate ventilation.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Appearance	
Physical State	Liquid
Color	No data available
Odor	No data available
Odor Threshold	No data available
Other Safety Parameters	
pH Value	Not determined
Melting point/ Freezing point	Not determined
Initial boiling point and boiling range	212 F
Flash point	Not determined
Evaporation Rate	Not determined
Flammability (solid, gas)	Not relevant for fluid
Vapor Pressure	1 hPa at 20C

Density	Not determined
Vapor Density	Not determined
Relative density	No data available
Partition Coefficient	
- n-octanol/water (log KOW)	No data available
Auto-ignition temperature	Not determined
Viscosity	Not determined
Explosive properties	None
Oxidizing properties	None
Hazardous Decomposition Products	No data available
Hazardous Reactions	Not determined

10. Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable under normal conditions
Conditions to Avoid	There are no specific conditions know which must be avoided.
Incompatible Materials	Oxidizers
Hazardous Decomposition Products	Reasonably anticipated hazardous decomposition products produced because of normal use, storage, spill or heat are not known.
Hazardous Reactions	None under normal processing

11. Toxicological Information

Acute Toxicity

Inhalation	The classification criteria for these hazard classes are not met.
Dermal	The classification criteria for these hazard classes are not met.
Oral	The classification criteria for these hazard classes are not met.

Delayed and immediate effects from short and long-term exposure

Irritation	The classification criteria for these hazard classes are not met.
Sensitization	The classification criteria for these hazard classes are not met.
Carcinogenicity	The classification criteria for these hazard classes are not met.
Mutagenic Effects	The classification criteria for these hazard classes are not met.

Reproductive Effects	The classification criteria for these hazard classes are not met.
Developmental Effects	The classification criteria for these hazard classes are not met.
Specific target organ toxicity – single exposure	The classification criteria for these hazard classes are not met.
Specific target organ toxicity – repeated exposure	The classification criteria for these hazard classes are not met.
Aspiration hazard	The classification criteria for these hazard classes are not met.
Symptoms/effects, both acute and delayed	The classification criteria for these hazard classes are not met.
Other Adverse effects	No data.

12. Ecological Information

Ecotoxicity	Shall not be classified as hazardous to the aquatic environment.
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility	No data available
Results of PBT and vPvB assessment	No data available

13. Disposal Considerations

Waste Disposal Methods Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Do not empty into drains. Avoid release into the environment. Handle contaminated packages in the same way as the substance itself. Empty containers may be recycled if appropriate.

14. Transport Information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

15.Regulatory Information

This product has been classified in accordance OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

16.Other Information, including date of preparation or last revision

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Prepared by Profound Medical Inc.

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