



SAFETY DATA SHEET

DATE: 12/12/2025

1. Identification

Product Name: Thyroid USP powder (porcine)

CAS Number: 50809-32-0

Recommended use/Use advised against: No information available

Details of the Australian Supplier:

Astral Scientific Pty Ltd
29 Mangrove Lane
Taren Point NSW 2229

Company Phone Number: 02 9540 2055

Email Address: support@astralscientific.com.au

Emergency Telephone Number: 13 11 26

2. Hazard(s) Identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

Signal Word: DANGER

Hazard Statements: May cause allergy or asthma symptoms or breathing difficulties if inhaled



Precautionary Statements

Prevention: IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms call a poison centre or medical professional.

Response: Storage Not applicable **Disposal:** Dispose of contents and/or container in accordance with local regulations.

3.Composition / Information on ingredients

Component	CAS #	Purity / Weight %
Desiccated pork thyroid substance	50809-32-0	20-35

4.First-aid measures

General Advice	If symptoms persist, call a physician.
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. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Ingestion	Clean mouth with water and drink plenty of water afterwards. Get immediate medical attention if symptoms occur. Never give anything by mouth to an unconscious person.

Most important symptoms/effects May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing.

Notes to physician Treat symptomatically

5.Fire-fighting measures

Suitable extinguishing media	Water spray, carbon dioxide (CO ₂), dry chemical, alcohol-resistant foam.
Unsuitable extinguishing media	No information available
Flash Point	No information available
Method	No information available
Autoignition temperature	No information available

Explosion limits

Upper No information available

Lower No information available

Sensitivity to mechanical impact No information available

Sensitivity to static discharge No information available

Specific hazards arising from the chemical

Not applicable

Hazardous combustion products

Under fire conditions, hazardous fumes will be present

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6.Accidental release measure

Personal precautions Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

Environmental precautions Should not be released into the environment. See section 12 for additional Ecological Information.

Methods for containment/clean-up Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

7.Handling and storage

Handling Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes.

Storage Store in original container. Keep container tightly closed in a dry and well ventilated place, away from direct sunlight. Eliminate all ignition sources. Separate from oxidizing materials. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

8.Exposure controls / personal protection

Personal protective equipment

Eye/Face protection Wear appropriate protective eyeglasses or chemical safety goggles as described by oSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.

Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Use a approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9.Physical and chemical properties

Physical state	Solid
Appearance	Yellow tinge to buff colour.
Odor	Slight, characteristic, meat-like odor
Odor threshold	No information available
pH	No information available
Melting point/range	No information available
Boiling point/range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability or explosive elements	
Upper	No information available
Lower	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

10.Stability and reactivity

Reactive hazard	None known, based on information available
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Stability	Stable under normal conditions
Conditions to avoid	Incompatible products. Excess heat. Avoid dust formation.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Sulfur oxides
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11. Toxicological information

Acute Toxicity

Product information / Component information

Oral: Rat: LD50: (mg/kg): Not available

Dermal: Rabbit: LD50: (mg/kg): Not available

Inhalation: Rat: LD50: (mg/L/4hr): Not available

Toxicologically synergistic products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation No information available

Sensitization No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

OSHA No component of this product, present at $\geq 0.1\%$, is listed.

NTP No component of this product, present at $\geq 0.1\%$, is listed.

IARC No component of this product, present at $\geq 0.1\%$ has been evaluated.

California Proposition 65 No component of this product, present at $\geq 0.1\%$ is known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Mutagenic effects No information available

Reproductive effects No information available

Developmental effects No information available

Teratogenicity No information available

STOT – single exposure None known

STOT – repeated exposure None known

Aspiration hazard No information available

Symptoms/effects, both acute and delayed Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing

Endocrine disruptor information No information available

Other adverse effects The toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity

Do not empty into drains

Persistence and degradability Persistence is unlikely

Bioaccumulation/accumulation No information available

Mobility Slightly soluble in water

13. Disposal considerations

Waste disposal methods Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.

14. Transport information

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG/IMO Not regulated

Revision date 12/12/2025

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet