



## SAFETY DATA SHEET

DATE: 6<sup>th</sup> August 2025

### **1. Identification**

**Product Name:** Procaine hydrochloride

**CAS Number:** 51-05-8

**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](mailto: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:** H301 Toxic if swallowed. H317 May cause an allergic skin reaction.



**Precautionary Statements:** Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves. Response: P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P362 + P364 Take off contaminated clothing and wash it before reuse. Storage P405 Store locked up. Disposal P501 Dispose of contents/ container to an approved waste disposal plant.

### **3.Composition / Information on ingredients**

Component	CAS #	Purity / Weight %
Procaine hydrochloride	51-05-8	<= 100 %

### **4.First-aid measures**

<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye Contact</b>	After eye contact: rinse out with plenty of water. Remove contact lenses.
<b>Skin Contact</b>	In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	If swallowed: give water to drink (two glasses at most). Seek medical advice immediately. In exceptional cases only, if medical care is not available within one hour, induce vomiting (only in persons who are wide awake and fully conscious). Contact doctor immediately.

<b>Most important symptoms/effects</b>	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
<b>Notes to physician</b>	Treat symptomatically

### **5.Fire-fighting measures**

<b>Suitable extinguishing media</b>	Water spray, carbon dioxide (CO2), dry powder
<b>Unsuitable extinguishing media</b>	No information available
<b>Flash Point</b>	No information available
<b>Method</b>	No information available
<b>Autoignition temperature</b>	No information available

#### **Explosion limits**

<b>Upper</b>	No information available
<b>Lower</b>	No information available
<b>Sensitivity to mechanical impact</b>	No information available
<b>Sensitivity to static discharge</b>	No information available

### **Specific hazards arising from the chemical**

Carbon oxides Nitrogen oxides (NOx) Hydrogen chloride gas Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

### **Hazardous combustion products**

No information available

### **Protective equipment and precautions for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

## **6.Accidental release measure**

<b>Personal precautions</b>	Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.
<b>Environmental precautions</b>	Do not let product enter drains.
<b>Methods for containment/clean-up</b>	Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

## **7.Handling and storage**

<b>Handling</b>	Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes.
<b>Storage</b>	Keep protected from light. Keep container tightly closed in a dry and well ventilated place, only accessible to authorised persons.

## **8.Exposure controls / personal protection**

### **Personal protective equipment**

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

## **9.Physical and chemical properties**

<b>Physical state</b>	Crystalline Powder
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<b>Appearance</b>	White
<b>Odor</b>	No information available
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/range</b>	No information available
<b>Boiling point/range</b>	No information available
<b>Flash point</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability or explosive elements</b>	
<b>Upper</b>	No information available
<b>Lower</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Specific gravity</b>	No information available
<b>Solubility</b>	No information available
<b>Partition coefficient; n-octanol/water</b>	No data available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Viscosity</b>	No information available

## **10.Stability and reactivity**

<b>Reactive hazard</b>	None known, based on information available
<b>Stability</b>	Stable under normal conditions
<b>Conditions to avoid</b>	No information available
<b>Incompatible materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	In event of fire, see section 5
<b>Hazardous polymerization</b>	No information available
<b>Hazardous reactions</b>	No information available

## **11.Toxicological information**

### **Acute Toxicity**

**Product information / Component information** No information 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** No information available

**Mutagenic effects** No information available

**Reproductive effects** No information available

**Developmental effects** No information available

**Teratogenicity** No information available

**STOT – single exposure** No information available

**STOT – repeated exposure** No information available

**Aspiration hazard** No information available

**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** No information available

**Bioaccumulation/accumulation** No information available

**Mobility** No information available

## **13.Disposal considerations**

**Waste disposal methods** Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

## **14.Transport information**

**DOT** Not regulated

**TDG** Not regulated

<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

## **15.Regulatory information**

### **International Inventories**

**TSCA** Not listed

Note \*Contact supplier for details. One or more substances in this product are either not listed on the US TSCA inventory, listed on the confidential US TSCA inventory or are otherwise exempted from inventory listing requirements

**DSL/NDSL** Complies

**EINECS/ELINCS** Complies

**ENCS** This product complies with ENCS:

**IECSC** This product does not comply with China:

**KECL** Does not Comply

**PICCS** Does not Comply

**AICS** All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

### **US Federal Regulations**

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### **US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**Revision date** 6<sup>th</sup> August 2025

**Revision Note** No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. 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.

**End of Safety Data Sheet**