

MATERIAL SAFETY DATA SHEET
TRANS-2-PHENYLCYCLOPROPYLAMINE HYDROCHLORIDE 97%

Section 1 - Chemical Product and Company Identification

MSDS Name:	TRANS-2-PHENYLCYCLOPROPYLAMINE HYDROCHLORIDE 97%
Catalog Numbers:	11.113
Synonyms:	(±)-trans-2-Phenylcyclopropylamine hydrochloride; Tranylcypromine hydrochloride
Company Identification:	Tau-Chem, Ltd. Nobelova 34, P.O. Box 29 836 05 Bratislava, Slovak Republic Phone: +421 2 44 452 252 Fax: +421 2 44 457 645
POISON CENTER:	National Toxicological Information Centre Limbová 5, 833 05 Bratislava,
Emergency Numbers Slovakia:	Phone: +421 2 54 774 166 Fax: +421 2 54 774 605


Section 2 - Hazards Identification

Classification of the substance or mixture

According to Regulation (EC) No 1272/2008
 Acute Toxicity, Oral (Category 3)
 Eye irritation,(Category 2)
 Specific target organ toxicity (Category 3)

According to European Directive 67/548/EEC as amended.
 Harmful by inhalation and in contact with skin. Toxic if swallowed.
 Irritating to eyes, respiratory system and skin.

Label elements

Pictogram	
Signal word	Danger
Hazard statement(s)	
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eyes irritation.
Precautionary statement(s)	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If <u>skin irritation</u> occurs: Get medical advice/ attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes.

	Remove contact lenses, if present and easy to do. Continue rinsing.
P362	Take off contaminated clothing and wash before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation (to be specified).
Hazard symbol(s)	
T	Toxic.
R-phrases(s)	
R20/21	Harmful by inhalation and in contact with skin.
R25	Toxic if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
S-phrases(s)	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, glove and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately. (Show the label where possible)
Other hazards	None

Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
1986-47-6	TRANS-2-PHENYLCYCLOPROPYLAMINE HYDROCHLORIDE	98	-

Classification Acute Tox. 3; Eye Irrit,2; STOT SE 3;
H301,H312,H315,H319
T, R20/21, R25, R36/37/38

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4 – First Aid Measures

General advice:	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled:	If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.
In case of skin contact:	Wash off with soap and plenty of water. Consult a physician.
In case eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 – Fire Fighting Measures

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters:	Wear self contained apparatus breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions:	Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.
Environmental precautions:	Do not let product enter drains.
Methods and materials for containment and cleaning up	Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Precautions for safe handling:	Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at places, where dust is formed. Normal measures for preventive fire protection.
Conditions for safe storage:	Keep refrigerated. Keep container tightly closed in a dry place. Light sensitive. Storage temperature: 2-4°C

Section 8 – Exposure Controls, Personal Protection

Personal protective equipment:

Respiratory protection:	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection	The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.
Eye protection:	Face shield and safety glasses.
Skin and body protection:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Section 9 – Physical and Chemical Properties

Appearance

Form: powder and chunks

Color:	white to light beige
Safety data:	
pH	Not available
Melting Point:	162-169 °C - lit.
Boiling Point:	Not available
Flash Point:	Not available
Ignition temperature:	Not available
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Solubility in water:	Not available
Density:	Not available
Molecular Formula:	C ₉ H ₁₂ ClN
Molecular Weight:	169.65 g/mol

Section 10 – Stability and Reactivity

Chemical Stability:	Stabile under recommended storage conditions.
Conditions to Avoid:	Light.
Materials to avoid:	Strong oxidizing agents, strong reducing agents, strong acids, strong bases.
Hazardous Decomposition Products	Hazardous decomposition products under fire conditions – Carbon oxides, hydrogen chlorides, nitrogen oxides (NO _x) and ammonia (NH ₃)

Section 11 – Toxicological Information

Acute toxicity	No data available
	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity:	
IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.	
Reproductive toxicity:	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Aspiration hazard	No data available
Potential health effect:	
Inhalation	May be harmful if inhaled. May cause respiratory tract irritation. May cause neurotoxic effects including paresthesia.
Ingestion	Toxic if swallowed.

Skin Causes skin irritation.

Eyes Causes eye irritation

Signs and Symptoms of Exposure

Direct injection into the bloodstream may cause dizziness, nausea, vomiting, bleeding, respiratory depression, and death. May cause red blood cell lysis and platelet reduction.

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Data not available.

Section 12 – Ecological Information

Toxicity:	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB assessment	No data available
Other adverse effects	No data available

Section 13 – Disposal Considerations

Product	Observe all federal, state and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging	Dispose of as unused product.

Section 14 – Transport Information

	IATA	IMGD	RID/ADR
Shipping Name:	TOXIC SOLID, ORGANIC, N.O.S.	TOXIC SOLID, ORGANIC, N.O.S.	TOXIC SOLID, ORGANIC, N.O.S.
Hazard Class:	6.1	6.1	6.1
UN Number:	3249	3249	3249
Packing Group:	III	III	III
		EMS No: F-A; S-A	
		Marine pollutant: No	

Section 15 – Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006

Section 16 – Other Information

Text of H-code(s) and R-phrase(s) mentioned in Section 3

Acute Tox.	Acute toxicity.
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Eye Irrit.	Eye irritation.
STOT SE	Specific target organ toxicity – single exposure.
H301	Toxic if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
T	Toxic.
R20/21	Harmful by inhalation and in contact with skin.
R25	Toxic if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.

MSDS Creation Date 18/06/2010

Revision #0 Date

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.