

MATERIAL SAFETY DATA SHEET
TRIPHENYLACETIC ACID 99%**Section 1 - Chemical Product and Company Identification**

MSDS Name:	TRIPHENYLACETIC ACID 99%
Catalog Numbers:	10.102
Synonyms:	2,2,2-Triphenylacetic acid, Tritylformic acid
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
Emergency Numbers Slovakia:	Limbová 5, 833 05 Bratislava, Phone: +421 2 54 774 166 Fax: +421 2 54 774 605

Section 2 - Hazards Identification**Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Not a dangerous substance according to GHS.

Classification according to Regulation (EC) No 1272/2008

This substance is not classified as dangerous according to Directive 67/548/EEC.

Labeling according to Regulation (EC) No 1272/2008 [CLP]**Label elements**

None

Caution – substance not yet tested completely.

Safety phrases

24/25 Avoid contact with skin and eyes.

Precautionary statement(s)

P280 Wash thoroughly after handling

P270 Do not eat, drink or smoke when using this product.

Other hazards None.**Section 3 - Composition, Information on Ingredients**

CAS#	Chemical Name:	%	EINECS#
595-91-5	TRIPHENYLACETIC ACID	99	209-873-4
Classification	This substance is not classified as dangerous according to Directive 67/548/EEC. 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.
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, 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 breathing of vapours or mist. Ensure adequate ventilation.
Environmental precautions:	Do not let product enter drains.
Methods and materials for containment and cleaning up:	Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Precautions for safe handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Avoid prolonged or repeated exposure.
Conditions for safe storage:	Store in a cool, dry place. Store in a tightly closed container.

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:	Safety glasses with side-shields conforming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards as NIOSH (US) or EN 166 (EU)

Skin and body protection:	Impervious 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:	Crystalline powder
Colour:	White to beige

Safety data:

pH	Not available
Melting point:	269 - 271 °C
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
Specific density:	Not available
Refractive Index:	Not available
Molecular Formula:	C ₂₀ H ₁₆ O ₂
Molecular Weight:	288.34 g/mol

Section 10 - Stability and Reactivity

Chemical Stability:	Stabile under recommended storage conditions.
Conditions to avoid:	Not available
Materials to avoid:	Strong oxidizing agents.
Hazardous Decomposition Products	Hazardous decomposition products under fire conditions. – Carbon oxides.

Section 11 - Toxicological Information

Acute toxicity	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	Inhalation – May cause respiratory irritation.
Specific target organ toxicity –	No data available

repeated exposure**Aspiration hazard** No data available**Potential health effect:****Inhalation** May be harmful if inhaled.**Ingestion** May be harmful if swallowed.**Skin** May be harmful if absorbed through skin.**Eyes** May cause serious eye irritation**Signs and Symptoms of Exposure**

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

Additional Information

RTECS: No data 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.**Contaminated packaging** Dispose of as unused product.**Section 14 - Transport Information**

	IATA	IMDG	RID/ADR
Shipping Name:	Not dangerous goods	Not dangerous goods	Not dangerous goods
Hazard Class:			
UN Number:			
Packing Group:			

Section 15 - Regulatory Information

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

Section 16 - Other Information**MSDS Creation Date:** 11/2/2008**Revision #1:**15/12/2010

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

Disclaimer:

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. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.