

MATERIAL SAFETY DATA SHEET
3-CARBOMETHOXYPHENYL ISOCYANATE 97%

Section 1 - Chemical Product and Company Identification

MSDS Name:	3-CARBOMETHOXYPHENYL ISOCYANATE 97%
Catalog Numbers:	11.82
Synonyms:	
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
Relevant identified uses of substance or mixture and uses advised against	
Identified uses	Laboratory chemicals, Manufacture of substances
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 according to Regulation (EC) No 1272/2008

Classification of the substance or mixture

Respiratory sensitization (Category 1)

Skin sensitization (Category 1)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

May cause sensitization by skin contact.

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

Label elements

Pictogram



Signal word

Danger

Hazard statement(s)

H334

May cause allergy or asthma symptoms of breathing difficulties if inhaled.

H317

May cause an allergic skin reaction

Precautionary statement(s)

P261

Avoid breathing dust/fume/gas/mist/vapors/spray.

P342+P311

IF experiencing respiratory symptoms: Call a POISON CENTER or doctor or physician.

Hazard symbol(s)

According to European Directive 67/548/EEC as amended

Hazard symbol(s)



Xi Irritant.
R-phphrase(s)
R43 May cause sensitization by skin contact.
S-phphrase(s)
S36/37 Wear suitable protective cloths and gloves.
Restricted to professional users.
Other hazards: Lachrymator.

Section 3 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
41221-47-0	3-CARBOMETHOXYPHENYL ISOCYANATE	97	-

Classification Resp. sens. 1
H334; H317
Xi, R43

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 Pick up and arrange disposal without creating dust. Keep in suitable,

containment and cleaning up closed containers for disposal.

Section 7 - Handling and Storage

Precautions for safe handling: Avoid formation of dust and aerosols. Avoid exposure – obtain special instructions before use. Normal measures for preventive fire protection.

Conditions for safe storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature 2- 8°C
Moisture sensitive.

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: solid

Color:

Safety data:

pH Not available

Boiling Point: Not available

Melting Point: 35-38 °C – lit.

Flash Point: 113°C – closed cup

Ignition temperature: Not available

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available

Solubility in water: Not available

Density: Not available

Refractive Index: Not available

Molecular Formula: C₉H₇NO₃

Molecular Weight: 177.16 g/mol

Section 10 - Stability and Reactivity

Chemical Stability:	Stabile under recommended storage conditions.
Conditions to Avoid:	No data available.
Materials to avoid:	Oxidizing agents.
Hazardous Decomposition Products	Hazardous decomposition products under fire conditions. – Carbon oxides, Nitrogen Oxides (NOx)

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	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals. The preceding data or interpretation of data was determined using Quantitative Structure Activity Relationship (QSAR) modeling.
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.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause 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 Dissolve and mix material with combustive solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. 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	IMDG	RID/ADR
Shipping Name:	Aviation regulated solid, N.O.S. (Methyl 3-isocyanatobenzoate)	Not dangerous goods	Not dangerous goods
Hazard Class:	9		
UN Number:	3335		
Packing Group:			

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

H334	May cause allergy or asthma symptoms of breathing difficulties if inhaled.
Resp. Sens.	Respiratory sensitization.
Xi	Irritant.
R43	May cause sensitization by skin contact.

MSDS Creation Date: 08/10/2007

Revision #1 Date: 16/06/2010

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.