
Phenyltrimethoxysilane

. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name On Label : Phenyltrimethoxysilane
Product Number : ZH-1104
Supplier :
DALIAN HEFU TRADING CO., LTD.
ROOM 1003 YIHUA BUILDING, NO. 215 HUANGHAI
XISI ROAD, DALIAN F.T.Z. LIAONING PROVINCE CHINA

EMERGENCY NUMBER:

TEL: 86-411-39552835

FAX: 86-411-39266880

Alternative Names : Trimethoxyphenylsilane

2. COMPOSITION AND INFORMATION ON COMPONENTS

Name : Phenyltrimethoxysilane
Minor Impurities : Not determined
CAS Number : 2996-92-1
EINECS Number : 2210669
EEC Number :

3. HAZARDS IDENTIFICATION

Designation :
IRRITANT
Risk Phrases
R10 Flammable.
R36/37/38 Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

Inhalation

Remove to fresh air. If breathing is difficult give oxygen and seek medical attention.

Eye Contact

Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin Contact

Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.

Ingestion

Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical

attention.

5. FIRE FIGHTING MEASURES

Extinguishing Medium

Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.

Protective Equipment

Wear self-contained breathing apparatus and protective clothing.

Hazardous Products of Combustion May Include:

carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection

Wear protective equipment including rubber gloves, and eye protection. Keep unprotected persons away.

Environmental Protection

Take precautions to ensure product does not contaminate the ground or enter the drainage system.

Collection

Mix with vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.

7. HANDLING AND STORAGE

Handling

Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.

Storage

Store in tightly sealed containers in a cool place.

Product reacts with water. Take precautions to avoid contact with atmospheric moisture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory

Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.

Eye

Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

Hands and Body

Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger quantities, full arm, body and face protection. Wash hands thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :

Physical Constants: b.p. 210-212 **Molecular Formula :** C₉H₁₄O₃Si

Formula Weight : 198.24

Water Solubility :

Density : 1.064

Flash Point : Not available

10. STABILITY AND REACTIVITY

Specific Hazard

Incompatibilities

Strong oxidising agents. Strong acids.

Decomposition

Hazardous products of decomposition may include:

carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

RTECS Number : VV5252000

Acute Toxicity

LD50 : IVN-MUS 180mg/kg

Irritating to eyes, respiratory system and skin.

12. ECOLOGICAL EFFECTS

General

Take care to prevent chemicals from entering the ground, water courses or drainage systems.

13. DISPOSAL CONSIDERATIONS

Disposal

Disposal should be via an approved contractor and should take full account of local regulations.

14. TRANSPORT INFORMATION

UN Number :

Land Transport

ADR/RIC Code/Class: Not Restricted

Maritime Transport IMDG Code/Class : Not Restricted

Air Transport IATA Code/Class : Not Restricted

15. REGULATORY INFORMATION

CAS Number : 2996-92-1

EINECS Number : 2210669

EEC Number :

UN Number : None

RTECS Number : VV5252000

Hazard Indication :

IRRITANT

Risk and Safety Phrases

Flammable.

Irritating to eyes, respiratory system and skin.

Keep away from sources of ignition - No Smoking.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/face protection.

TSCA: Listed substance.

16. OTHER INFORMATION

It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals.

The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date of Last Review: 3rd August 1998

Date Printed : 18th September 1998