

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: 2-(Trifluoromethyl)phenethyl alcohol
Synonyms:
Company Identification: PI Chemicals Ltd.
Building B, 633 E Shan Road, Pudong New Area
Shanghai 200127, China
Telephone Number: 86-21-58953700
Fax Number: 86-21-58953701

Section 2 - Product Information

Catalog Number: PI-34238
CAS Number: 94022-96-5
MDL Number: MFCD00003540
EC Number: 301-591-0
Purity: 98%

Section 3 - Physical and Chemical Properties

Physical state: Liquid
Color: Colorless
Molecular Formula: C₉H₉F₃O
Molecular Weight: 190.16
Freezing/Melting Point: -3 - -2 °C (27 - 28 °F) - lit.
Boiling Point: 184 - 186 °C (363 - 367 °F) - lit.
Flash Point: 103 °C (217 °F) - closed cup
Autoignition Temperature: Not available
Refractive Index (n_D20): Not available
Density: 1.197 g/mL at 25 °C (77 °F)
Decomposition Temperature: Not available
Water Solubility: Not available

Section 4 - Hazards Identification

Eye: Causes eye irritation.
Skin: Causes skin irritation. Harmful if absorbed through the skin.
Ingestion: May cause irritation of the digestive tract. Toxic if swallowed.
Inhalation: Harmful if inhaled. Causes respiratory tract irritation.

Section 5 - First Aid Measures

If inhaled: If breathed in, move person into fresh air. If not breathing give artificial respiration.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: Flush eyes with water as a precaution.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 6 - Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Hazardous Decomposition Products formed under fire conditions: Carbon oxides, Hydrogen fluoride

Hazardous Polymerization: Has not been reported.

Section 7 - Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep well resealed.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Section 8 - Personal Protection

Eyes: Wear appropriate protective eyeglasses.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Fire and Explosion Hazard Data

General Information: As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section 10 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 11 - Toxicological Information

RTECS#: CAS# 94022-96-5: not available.

LD50/LC50: not available.
Carcinogenicity: 2-(Trifluoromethyl)phenethyl alcohol -Not listed as a carcinogen by ACGIH, IARC, NTP, OSHA.

Section 12 - Environmental information

Not available

Section 13 - Disposal Consideration

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

Section 14 - Transport Information

IATA: Not dangerous goods.
IMO: Not dangerous goods.
RID/ADR: Not dangerous goods.

Section 15 - Regulatory Information

Hazard Symbols: Xn

Indication of Danger: Harmful

Risk Phrases:

R36/37/38: Irritating to eyes, respiratory system and skin

Safety Phrases:

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S37/39: Wear suitable gloves and eye/face protection

Section 16 - Additional Information

MSDS Creation Date: 10 February, 2009

Update: 24 June, 2011

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