

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: Scoparone
Synonyms: 6,7-Dimethoxycoumarin
Company Identification: PI Chemicals Ltd.
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Zhangjiang Hi-Tech Park
Pudong New Area, Shanghai China, 201203
Telephone Number: 86-21-58953700
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Section 2 - Product Information

Catalog Number: PI-20430
CAS Number: 120-08-1
MDL Number: MFCD00006871
EC Number: 204-369-0
Purity: 97%

Section 3 - Physical and Chemical Properties

Physical state: Solid
Color: Yellow
Odor: Not available
Molecular Formula: C₁₁H₁₀O₄
Molecular Weight: 206.19
Freezing/Melting Point: 143 - 145 °C (289 - 293 °F)
Boiling Point: Not available
Flash Point: Not available
Autoignition Temperature: Not available
Refractive Index (nD20): Not available
Density: Not available
Decomposition Temperature: Not available
Solubility: Not available

Section 4 - Hazards Identification

Eye: Causes eye irritation.

Skin: Causes skin irritation. Harmful if absorbed through the skin.
Ingestion: May be harmful if swallowed.
Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Section 5 - First Aid Measures

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Get medical aid. Flush skin with plenty of water and soap. Get medical aid if irritation develops and persists.
Ingestion: Get medical aid immediately. Wash mouth out with water.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Section 6 - Stability and Reactivity

Chemical Stability: Stable under recommended temperatures and pressures.
Materials to avoid: Strong oxidizing agents.
Conditions to Avoid: Incompatible materials.
Hazardous Decomposition Products: Carbon oxides.
Hazardous Polymerization: Has not been reported.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Keep container tightly closed. Avoid contact with skin and eyes. Wash thoroughly after handling. Mechanical exhaust required.
Storage: Store in a cool, dry place. Store in a tightly closed container.

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 (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# 120-08-1: GN6550000.
LD50/LC50: RTECS GN6550000.
Carcinogenicity: Scoparone - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

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: UN-Number: 2811 Class: 6.1 Packing group: III.
IMO: UN-Number: 2811 Class: 6.1 Packing group: III.
RID/ADR: UN-Number: 2811 Class: 6.1 Packing group: III.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xn

Indication of Danger: Harmful

Risk Phrases:

R 23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R 36: Irritating to eyes.

R 22: Harmful if swallowed.

Safety Phrases:

S 27/28: After contact with skin, take off immediately all contaminated clothing and wash immediately with plenty of water.

S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S 45: In case of accident or if you feel unwell, seek medical advice immediately.

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)

CAS#120-08-1: 3

Canada

CAS#120-08-1: Not available

US Federal**TSCA**

CAS#120-08-1 is for research and development use only.

Section 16 - Additional Information**MSDS Creation Date:** May 12, 2009**Update:** May 12, 2009

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