

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

MSDS Name: Ajmaline

Synonyms:

Company Identification: PI Chemicals Ltd.

5rd Floor, 88 Cailun Road Zhangjiang Hi-Tech Park

Pudong New Area, Shanghai China, 201203

 Telephone Number:
 86-21-58953700

 Fax Number:
 86-21-58953701

Section 2 - Product Information

Catalog Number: PI-15766 CAS Number: 4360-12-7

MDL Number: MFCD00135652

EC Number: 224-439-4

Purity: 98%

Section 3 - Physical and Chemical Properties

Physical state: Powder

Color: White to pale yellow, crystalline

Odor: Not available Molecular Formula: C20H26N2O2

Molecular Weight: 326.43

Freezing/Melting Point: Not available Boiling Point: Not available Flash Point: Not available Not available Autoignition Temperature: Refractive Index (nD20): Not available Not available Density: Not available Decomposition Temperature: 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: 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 for at least 15 minutes while

removing contaminated clothing and shoes. 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, Strong acids.

Conditions to Avoid: Incompatible materials.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides (NOx).

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.

Recommended storage temperature: 2 - 8 °C.

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# 4360-12-7: AX8050000.

LD50/LC50: RTECS: Not available.

Carcinogenicity: Ajmaline - 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: This substance is considered to be non-hazardous for transport.
 IMO: This substance is considered to be non-hazardous for transport.
 RID/ADR: This substance is considered to be non-hazardous for transport.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xn

Indication of Danger: Harmful

Risk Phrases:

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

Safety Phrases:

S 36: Wear suitable protective clothing.

WGK (Water Danger/Protection)

CAS# 4360-12-7: 3

Canada

CAS# 4360-12-7: Not available

US Federal



TSCA

CAS# 4360-12-7 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Additional Information

MSDS Creation Date: March 17, 2009 Update: April 08, 2009

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