

MATERIAL SAFETY DATA SHEET**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY /UNDERTAKING**

Product name: 1-(2,5-Dimethoxy-4-methylphenyl)-2-aminoethane

Company: Sunmiles Limited

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Use of substance || GC/MS (Gas chromatography-mass spectrometry) reference

2. HAZARDS IDENTIFICATION**Classification of the substance or mixture**

GHS classification

Acute Toxicity, Category 4, Oral

H302: Harmful if swallowed.

Acute Toxicity, Category 4, Inhalation

H332: Harmful if inhaled.

Causes skin irritation, Category 2, Dermal

H315: Causes skin irritation.

Eye irritation, Category 2

H319: Causes serious eye irritation.

EC classification

Xn; R21, 22

Xi; R36

Other hazards – none

For the full text of the H-Statements/R-Phrases mentioned in this Section, see Section 16.

3. COMPOSITION/INFORMATION ON INGREDIENTS**N-[2-(5-methoxy-1H-indol-3-yl)ethyl]-N-methylpropan-2-amine**

Formula	Molecular Weight	CAS- No.	EC-No.	Index-No.	Classification	Concentration
C15H22N2O	246.35 g/mol	96096-55-8	-	-	-	-

4. FIRST AID MEASURES**If inhaled**

||If breathed in, move person into fresh air. If not breathing give artificial respiration. Get medical attention.

In case of skin contact

||Wash off with soap and plenty of water. Get medical attention.

In case of eye contact

||Flush eyes with water as a precaution. Get medical attention.

If swallowed

||Never give anything by mouth to an unconscious person. Rinse mouth with water. Immediately call a physician

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 breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

||Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions

||Do not let products enter drains.

Methods and material for containment and cleaning up

||Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE**Precautions for safe handling**

- Avoid contact with skin and eyes.

- Avoid formation of dust and aerosols.

- Provide appropriate exhaust ventilation at places where dust is formed.

- Normal measures for preventive fire protection.

Conditions for safe storage

- Store in cool place.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal protective equipment***Respiratory protection*

- Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143)

- 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 EN374 derived from it.

- Handle with gloves.

Eye protection

Safety glasses with side-shields conforming to EN166

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.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form ||solid

Safety data

pH ||no data available

Melting point ||121.45 °C

Boiling point ||390.3 °C at 760 mmHg

Flash point ||189.9 °C

Ignition temperature ||no data available

Lower explosion limit ||no data available

Upper explosion limit ||no data available

Water solubility || at 25 deg C (mg/L): 789.7

I Solubility ||no data available

Flammability ||no data available

Oxidizing properties ||no data available

Vapour Pressure ||2.67E-06 mmHg at 25°C

Density ||1.06 g/cm3

Partition coefficient ||no data available (11-octanol/water)

Viscosity ||no data available

Vapour density ||no data available

Evaporation rate ||no data available

10. STABILITY AND REACTIVITY

Chemical stability ||Stable under recommended storage conditions.

Conditions to avoid ||no data available

Materials to avoid ||Strong oxidizing agents

Hazardous decomposition products ||Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas

11. TOXICOLOGICAL INFORMATION

Acute toxicity ||Acute oral toxicity
 Skin corrosion/irritation ||Causes skin irritation.
 Serious eye damage/eye irritation ||Causes serious eye irritation.
 Respiratory or skin sensitization ||May cause respiratory system irritation, skin sensitization.
 Germ cell mutagenicity ||no data available
 Carcinogenicity ||IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or continued human carcinogen by IARC.
 Reproductive toxicity ||no data available

Specific target organ toxicity

-single exposure ||no data available
 -repeated exposure ||no data available
 Aspiration hazard ||no data available

Potential health effects

Inhalation ||Vomiting, Nausea, Dizziness, Convulsions, Headache, Rapid hearth beat
Ingestion ||Vomiting, Nausea, Dizziness, Convulsions, Headache, Rapid hearth beat
Skin ||Skin sensitization
Eyes ||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: Not available

12. ECOLOGICAL INFORMATION

Toxicity ||no data available
 Persistence and degradability ||no data available
 Bio accumulative potential ||no data available
 Mobility in soil ||no data available
 PBT and vPvB assessment . ||no data available
 Other adverse effects ||no data available

13. DISPOSAL CONSIDERATIONS**Product**

-Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID	IMGD	IATA
Not dangerous goods	Not dangerous goods	Not dangerous goods

This substance is not listed in the Annex I of Regulation (EC) No 689/2008.

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No 1272/2008.

This substance is not classified in the Annex I of Directive 67/548/EEC

This substance is not listed in the Annex I of Regulation (EC) No 689/2008.

This substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances

16. OTHER INFORMATION**Further information**

GHS- labeling

Hazard Pictogram*Signal Word***Danger***Hazards Statements:*

H302: Harmful if swallowed.

H332: Harmful if inhaled.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary Statements

P102: Keep out of reach of children.

P235: Keep cool.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P330: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P332+313: If skin irritation occurs: Get medical advice/attention.

Labeling to EC directive.

Symbol(s)

Xn, Xi - Harmful, Irritating

R-Phrases

21, 22, 36 - Harmful if swallowed, inhaled. Cause skin, eyes irritation.

S-Phrases

1/2, - Keep locked up and out of the reach of children

3/7, - Keep container tightly closed in a cool place

20/21 - When using do not eat, drink or smoke

24/25 - Avoid any inhalation, contact with skin and eyes. Wear suitable protective clothing and gloves

36/37/39- Wear suitable protective clothing, gloves and eye/face protection

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product and company makes no warranty of merchantability. Company shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes.