

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| 1.1 | CAS Number: | 1-(4-(Trifluoromethy 118708-88-6 A451584 | ۱)pyridin-2-yl)piperazine(1-(4 | 4-Trifluoromethyl-pyridin- | 2-yl)-piperazine) |
|-----|--|---|---|--------------------------------------|-------------------|
| 1.2 | | | or mixture and uses advised arch purposes.Not for drug o | - | |
| 1.3 | | | gton Hts, IL 60004, USA | | al |
| 1.4 | Emergency telephone Emergency phone (US Emergency phone (Ca | SA): 1-352-323-350 | | MamB | 6 |
| 2. | HAZARDS IDENTI | FICATION | Beech | | |
| 2.1 | Classification of the se GHS Classification in Acute toxicity, oral(Ca Acute toxicity, dermal Skin corrosion/irritation Serious eye damage/ Acute toxicity, inhalation No Resource File | accordance with 29 htegory 4) (Category 4) on (Category 1A, 1B /eye irritation(Category | 9 CFR 1910 (OSHA HCS) , 1C) ory 1) | H302 H312 H314 H318 H332 | |
| 2.2 | GHS Label elements, Pictogra | including precautior | nary statements | | |
| | Signal word: | D | Danger | | |
| | Hazard statement(s) H302 H312 H314 H332 | H: C | armful if swallowed armful in contact with skin auses severe skin burns an armful if inhaled | d eye damage | |
| | Precautionary statement(s)P260Do not breathe dust/fume/gas/mist/vapours/spray.P261Avoid breathing dust/fume/gas/mist/vapours/spray.P264Wash hands thoroughly after handling.P270Do not eat, drink or smoke when using this product.P271Use only outdoors or in a well-ventilated area.P280Wear protective gloves/protective clothing/eye protection/face | | tion/face | | |
| | P301+P312 | IF | protection. = SWALLOWED: Call a PO rou feel unwell. | ISON CENTER or docto | r/physician if |

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| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
|----------------|--|
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated |
| | clothing. Rinse skin with water/shower. |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep at rest in a |
| | position comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove |
| | contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P321 | Specific treatment (see on this label). |
| P322 | Specific measures (see on this label). |
| P330 | Rinse mouth. |
| P363 | Wash contaminated clothing before reuse. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to in accordance with local regulation |

2.3 Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

3. COMPOSITION, INFORMATION ON INGREDIENTS

| 3.1 | Molecular Formula: | C10H12F3N3 |
|-----|--------------------|------------|
| | Molecular Weight: | 231.22 |

| Component | | Concentration |
|---|-------------|---------------|
| 1-(4-(Trifluoromethyl)pyridin-2-yl)piperazine | | |
| CAS Number | 118708-88-6 | - |

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

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If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

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The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed No data available

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: alcohol-resistant foam, dry chemical or carbon dioxide Unsuitable extinguishing media: no data

5.2 Special hazards arising from the substance or mixture In combustion toxic fumes may form.

5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Do not attempt to take action without suitable protective clothing. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or river. Alert the neighbourhood to the presence of fumes or gas.

6.3 Methods and materials for containment and cleaning up

Mix with sand or vermiculite. Sweep up and shovel. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Wash hands thoroughly after handling. Ensure there is sufficient ventilation of the area.

Normal measures for preventive fire protection. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage.Keep in dark place,Sealed in dry,2-8°C

7.3 Specific end use(s)

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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Page 3 of 7





8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | Solid or semi-solid or liquid or lump |
|---------------------------|---------------------------------------|
| Boiling Point | No data available |
| Melting Point | No data available |
| Odour | No data available |
| Odour Threshold | No data available |
| рН | No data available |
| Flash point | No data available |
| Evapouration rate | No data available |
| Vapour pressure | No data available |
| Vapor Density | No data available |
| Relative density | No data available |
| Solubility in water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity No Data | No data available |
| | |

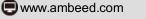
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Explosive properties Oxidizing properties

No data available No data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions No data available

10.4 Conditions to avoid No specific conditions to avoid

10.5 Incompatible materials Oxidising agents; Strong acids. Bases

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, hydrogen fluoride, nitrogen oxides

TOXICOLOGICAL INFORMATION 11.

11.1 Information on toxicological effects

- Acute Toxicity Skin corrosion/irritation Serious eye Damage/irritation Respiratory or skin sensitisation Germ Cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure STOT-repeated exposure Aspiration hazard
- No data available No data available

11.2 Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known. No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH 1AmBee

ECOLOGICAL INFORMATION 12.

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

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No data available

12.5 Results of PBT and vPvB assessment No data available

12.6 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal Operations

Consult state, local or national regulations for proper disposal. Hand over to authorised disposal company as hazardous waste.

IATA: 2735

Disposal of Packaging

Disposal must be made according to official regulations. AmBeed

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: 2735

IMDG: 2735

14.2 UN proper shipping name

AmBer ADR/RID: Amines, liquid, corrosive, n.o.s., or Polyamines, liquid, corrosive, n.o.s. IMDG: Amines, liquid, corrosive, n.o.s., or Polyamines, liquid, corrosive, n.o.s. IATA: Amines, liquid, corrosive, n.o.s., or Polyamines, liquid, corrosive, n.o.s.

| 14.3 Transport hazard clas | ss(es) | |
|---|---------------|-----------|
| ADR/RID: 8 | IMDG: 8 | IATA: 8 |
| 14.4 Packaging group ADR/RID: III | IMDG: III | IATA: III |
| 14.5 Environmental hazard ADR/RID: - | ds IMDG: - | IATA: - |
| 440.0 | | |

14.6 Special precautions for user

No special precautions required

14.7 Further information

No data available

15. REGULATORY INFORMATION

AmBeed Safety, health and environmental and national regulations: Product is not subject to any additional regulations or provisions

California Proposition 65

Not listed on California's listing of known or potential carcinogens.

U.S. Federal Regulations

SARA 313: Not applicable SARA 302: Not applicable

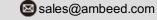
SARA 311/312 Hazard Categories: See section 2 for more information

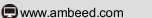
Safety Assessment

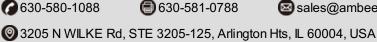
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Page 6 of 7





No Chemical Safety Assessment

16. OTHER INFORMATION

The reference company name of written contents

Company: Ambeed, Inc.

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This SDS was prepared sincerely on the basis of the information we could obtained, however, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the products are to be used, which shall be given the first priority, products are supposed to be used promptly after purchase in consideration of safety. Some new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please feel free to contact us. The stated cautions are for normal handling only. In case of special handling, sufficient care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with the recognition of "having unknown hazards and toxicity", which differ greatly depending on the conditions and handling when in use and/or the conditions and duration of storage. The products must be handled only by those who are familiar with specialized knowledge and have experience or under the guidance of those specialists throughout use from opening to storage and disposal. Safe usage conditions shall be set up on each user's own responsibility.

> Revision Date 10/13/2024 Print Date 04/11/2025

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