



Phenylacetamide

1. Chemical Product and enterprise information

Product Name.....Phenylacetamide
Chemical Formula.....C₈H₉NO
Molecular Weight.....135.17
CAS NO......103-81-1
Dangerous grade.....No
Company.....Henan Hongye Chemical Co., Ltd.
Address.....Puyang City, Henan Province, China.
Post457000
Telephone Number.....+86-393-6681288, 4637001, 371-68261911
Fax.....+86-393-4637731, 6681266, 371-68261901
Email.....hnhy@hongyechem.com / hongyechem@hongyechem.com
MSDS No.....HYPhenylacetamide-081001-05
Effective Date.....October 1, 2008

2. Composition/Information on Ingredients

Appearance: White krystalline powder.

Ingredients: Phenylacetamide.

Main Application: Using in organic synthesis and as culture medium of scotcil.



3. Hazards Identification

Hazards Identification: No occupational poisoning data report.

4. First-Aid Measures

Inhalation: Remove affected person to fresh air. Seek medical attention if effects persist.

Eye contact: Flush eyes with running water for at least 15 minutes with eyelids held open.
Seek specialist advice.

Skin contact: Wash affected skin with soap and mild detergent and large amounts of water.



Ingestion: If the person is conscious and not convulsing, give 2-4 cupfuls of water to dilute the chemical and seek medical attention immediately.

5. Fire-Fighting Measures

Flashing point: Not applicable.

Flammability: Not applicable.

Ignition temperature: Not applicable.

Explosion toplimit: Not applicable.

Fire Hazards: If involved in a fire and high temperature, decompose generating nitrogen oxide.

Fire-Fighting Measures: Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers.

6. Accidental Release Measures

► Spill Clean-up Procedures:

Eliminate all sources of ignition. Evacuate unprotected personnel from equipment recommendations found in Section 8. Never exceed any occupational exposure limit.

Shovel or sweep material into plastic bags or vented containers for disposal. Do not return spilled or contaminated material to inventory.

7. Handling and Storage

Avoid contact with eyes, skin and clothing. Use with adequate ventilation.

Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area.

Prevent contact with combustible or organic materials.

Label containers and keep them tightly closed when not in use.

Wash thoroughly after handling.

8. Exposure Controls/Personal Protection

China MAC: No criterion report.

Soviet Russia MAC: No criterion report.

► Engineering Controls:

General room ventilation is required. Local exhaust ventilation, process enclosures or other engineers controls may be needed to maintain airborne levels below recommended exposure limits. Avoid creating dust or mist. Maintain adequate ventilation. Do not use in closed or confined spaces. Keep levels below exposure limits. To determine exposure





levels, monitoring should be performed regularly.

► **Respiratory Protection:**

For many conditions, no respiratory protection may be needed; however, in dusty or unknown atmospheres or when exposures exceed limit values, wear a NIOSH approved respirator.

► **Eye/Face/Body Protection:**

Wear chemical safety goggles and a full face shield while handling this product. Skin Protection.

Prevent contact with this product. Wear gloves and protective clothing depending on condition of use.

► **General Hygiene Considerations:**

Wash with soap and water before meal times and at the end of each work shift. Good manufacturing practices require gross amounts of any chemical be removed from skin as soon as practical, especially before eating or smoking.

9. Physical and Chemical Properties

Appearance: White crystalline powder.

Melting range: 155°C-159°C.

Dissolvability: Dissolve in hot water and alcohol and slightly dissolve in cold water and ether extract.

10. Stability and Reactivity

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to Avoid: Strong acid, Strong alkalis and Strong oxidizing agents.

11. Toxicological Information

No specific data

12. Ecological Information

No specific data

13. Disposal Considerations

Waste Treatment: Dispose of in an approved waste facility operated by an authorized contractor in compliance with local regulations.





14. Transport Information

Proper Shipping Name.....Phenylacetamide

Packing.....25kg fiber drums or other mode

15. Rule of Law Information

Statute of Chemical Dangerous Goods' Safety Administration (issued by the State Department on February 17, 1987), Detail Rules for the Statute of Chemical Dangerous Goods' Safety Administration (Hua lao fa No.677 [1992]), Regulations of Safely Using Chemicals in Working Yard ([1996] lao bu fa No.423) and so on, have all made correspondence prescription for the safe usage, production, storage, transportation and pack-loading of these chemicals.

16. Other Information

The data in this Material Safety Data Sheet is believed to be correct. However, since conditions of use are outside our control it should not taken as a warranty of representation for which Henan Hongye Chemical Co., Ltd. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.

