

4-Pyridyl acetone 6304-16-1 MSDS

Section 1. IDENTIFICATION

Product name: (4-Pyridyl)acetone

Revision number: 5

Section 2. HAZARDS IDENTIFICATION

GHS classification

PHYSICAL HAZARDS Not classified

HEALTH HAZARDS

Skin corrosion/irritation Category 2

Category 2A

Serious eye damage/eye irritation

ENVIRONMENTAL HAZARDS Not classified

GHS label elements, including precautionary statements

Pictograms or hazard symbols

Signal word Warning

Hazard statements Causes skin irritation

Causes serious eye irritation

Precautionary statements:

Wash hands thoroughly after handling.

[Prevention]

Wear protective gloves/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

[Response]

if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN: Gently wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Substance

Components: (4-Pyridyl)acetone

Percent: >98.0%(GC)

CAS Number: 6304-16-1

Synonyms: 4-Acetylpyridine

C₈H₉NO

Chemical Formula:

Section 4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Get medical advice/attention if you feel unwell.

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Section 4. FIRST AID MEASURES

Skin contact: Remove/Take off immediately all contaminated clothing. Gently wash with plenty of

soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

A rescuer should wear personal protective equipment, such as rubber gloves and air-

Protection of first-aiders:

tight goggles.

Section 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, foam, water spray, carbon dioxide.

Unsuitable extinguishing media: Solid streams of water

Precautions for firefighters: Fire-extinguishing work is done from the windward and

the suitable fire-extinguishing

method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so.

Special protective equipment for firefighters: When extinguishing fire, be sure to wear personal protective equipment.

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Special protective equipment for firefighters:

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and containment and cleaning: Use personal protective equipment. Keep people away from and upwind of spill/leak.

Protective equipment and containment and cleaning: Ensure adequate ventilation. Entry to non-involved personnel should be controlled

Emergency procedures: around the leakage area by roping off, etc.

Environmental precautions: Prevent product from entering drains.

Methods and materials for containment and cleaning: Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust).

Containment and cleaning: In case of large amount of spillage, contain a spill by bunding. Adhered or collected

Up: material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7. HANDLING AND STORAGE

Precautions for safe handling

Technical measures: Handling is performed in a well ventilated place. Wear suitable protective equipment.

Prevent generation of vapour or mist. Wash hands and face thoroughly after handling.

Use a ventilation, local exhaust if vapour or aerosol will be generated.

Advice on safe handling: Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed. Store in a cool and dark place.

Store under inert gas.

Store away from incompatible materials such as oxidizing agents.

Air-sensitive

Comply with laws.

Packaging material:

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls: Install a closed system or local exhaust as possible so that workers should not be

exposed directly. Also install safety shower and eye bath.

Personal protective equipment

Respiratory protection: Vapor respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Safety glasses. A face-shield, if the situation requires.

Eye protection:

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

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Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state (20°C): Liquid

Form: Clear

Slightly pale yellow - Yellow

Colour:

Odour: No data available

pH: No data available

Melting point/freezing point: No data available

80°C/0.04kPa

Boiling point/range:

Flash point: No data available

Flammability or explosive

limits:

No data available

Lower:

Upper: No data available

1.07

Relative density:

Solubility(ies):

No data available

[Water]

[Other solvents] No data available

Section 10. STABILITY AND REACTIVITY

Chemical stability: Stable under proper conditions.

Possibility of hazardous No special reactivity has been reported.

reactions:

Incompatible materials: Oxidizing agents

Hazardous decomposition Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)

products:

Section 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye No data available

damage/irritation:

Germ cell mutagenicity: No data available

Carcinogenicity:

IARC = No data available

No data available

NTP =

Reproductive toxicity: No data available

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Fish: No data available

Crustacea: No data available

Algae: No data available

Persistence / degradability: No data available

Bioaccumulative No data available

potential(BCF):

Mobility in soil

Log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law No data available

constant(PaM3/mol):

Section 13. DISPOSAL CONSIDERATIONS

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical

incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when

disposing of the substance.

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Section 14. TRANSPORT INFORMATION

Hazards Class: Does not correspond to the classification standard of the United Nations

UN-No: Not listed

Section 15. REGULATORY INFORMATION

Safe management ordinance of dangerous chemical product (State Council announces on January 26, 2002

and revised on February 16,2011): Safe use and production, the storage of a dangerous chemical, transport,

loading and unloading were prescribed.

SECTION 16 - ADDITIONAL INFORMATION

N/A