

Material Safety Data Sheet

Section 1 –Chemical Product and company identification

Product Identification : **1,2,4-Triazolo[4,3-a]pyridin-3(2H)-one**

Company Identification : OUZHOU HENGSHUN CHEMICAL INDUSTRIAL CO.,LTD

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Section 2 - Composition/Information on Ingredients

Chemical name	assay	CAS NO.
1,2,4-Triazolo[4,3-a]pyridin-3(2H)-one	98%+	6969-71-7

Section 3 - Hazards Identification, Including Emergency Overview

Emergency overview: irritation

Route of exposure: skin inhalation

Potential health effects

EYE: Causes eye irritation.

SKIN: Causes skin irritation. May be harmful if absorbed through the skin.

INGESTION: No data

Target organs: Eye skin respiratory system

Section 4 - First Aid Measures

First Aid:

EYES:

Flush eyes with plenty of water for at least 20 minutes. Assure adequate flushing of eyes by separating the eyelids with finger, get immediate medical attention if irritation persists, or symptoms of overexposure become apparent

SKIN:

immediately wash skin with plenty of water for at least 20 minutes, while

removing contaminated clothing and shoes, get medical attention especially if irritation develops, persists, or symptoms of overexposure become apparent.

INGESTION:

if swallowed, call a physical or poison control center immediately, never give anything by mouth to an unconscious person, do not induce vomiting unless instructed by medical personnel, get medical attention

INHALATION:

Remove from exposure to fresh air immediately. if not breathing, give artificial respiration if breathing is difficult, give oxygen. Get medical aid.

Notes to physician:

Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media:

In case of fire . dry powder , carbon dioxide, or chemical foam.

Section 6 - 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.

Environment precautions:

Do not allow material enter drains or streams

Section 7 - Handling and Storage

Handling :

This product should be handled only by, or under the close supervision of those properly qualified in the handling or use of potential hazardous chemicals, who should take into account the fire, health and chemical hazard data, it should always be handled in an efficient fume hood or equivalent

system, care should be taken to prevent any chemical from coming into contact with skin, eyes or from contaminating person clothing

Storage:

store in a cool, dry place store in a tightly closed container.

Section 8 - Exposure Controls & Personal Protection

Engineering controls:

use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes: wear chemical goggles.

Skin: wear appropriate protective gloves to prevent skin exposure.

Clothing: wear appropriate protective clothing to prevent skin exposure.

Respirators: follow the OSHA respirator regulations found in 29CFR1910.134 or European standard EN 149. Always use a NIOSH or European Standard EN149 approved respirator when necessary.

Section 9 - Physical & Chemical Properties

Physical State:	solid
Appearance:	White or pale yellow
Odor:	Not available
PH:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	No data
Freezing/Melting Point:	233-235 C
Autoignition	No data
Temperature:	
Flash Point:	No data
Explosion Limits, lower:	Not available
Explosion Limits, upper:	Not available
Decomposition	
Temperature:	
Solubility in water:	< 1g/l in water(20 deg C)
Specific Gravity/Density:	
Molecular Formula:	C6H5N3O
Molecular Weight:	135.13

Section 10 - Stability & Reactivity Data

Chemical stability:

Stable under normal temperatures and pressures.

Conditions to avoid:

Incompatible materials.

Incompatibilities with other materials:

oxidizing agent

Possible decomposition:

carbon monoxide, hydrogen, oxides and nitrogen

Section 11 - Toxicological Information

Toxicological Information:

No data

Section 12 - Ecological Information

No information provided

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - MSDS Transport Information

Transport Information:

No data

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases: S26 in case of contact with contact with skin and eyes. rinse immediately with plenty of water and seek medical attention

Section 16 - Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.