

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT & MANUFACTURER'S DETAILS

*PRODUCT NAME* : 2 Aminomethyl pyridine

#### *MANUFACTURER*

##### *FACTORY & REGISTERED OFFICE:*

Jubilant Organosys Limited Bhartiagram, Gajraula  
District: Jyotiba Phuley nagar  
Uttar Pradesh-244223 , India  
Contact Department-Safety: Extension 298  
PHONE NO: +91-5924-252353 upto 60  
FAX NO : 91-5924-252352  
EMERGENCY PHONE: +91-5924-268141

##### *HEAD OFFICE:*

Jubilant Organosys Limited  
Plot 1-A, Sector 16-A,  
Institutional Area, Noida,  
Uttar Pradesh-201301 India.  
Contact department: EHS  
PHONE NO: +91-120-2516601  
FAX NO : +91-120-4516629  
Email: [support@jubl.com](mailto:support@jubl.com)

### 2. CHEMICAL IDENTIFICATION

- *CHEMICAL NAME* : 2-(Aminomethyl)pyridine
- *SYNONYMS* : 2-Picolylamine
- *CHEMICAL CLASSIFICATION* :
- *CHEMICAL FORMULA* : C<sub>6</sub>H<sub>8</sub>N<sub>2</sub>
- *C.A.S. NO.* : 3731-51-9

### 3. HAZARD IDENTIFICATION & HEALTH HAZARD

- Ratings: Corrosive,
- Combustible liquid
- Cause burns to eyes, skin and respiratory tract

### 4. FIRST AID MEASURES

#### *Eye:*

Immediately flush eyes with plenty of water for at least 15 minutes by separating eyelids with fingers. Get medical help.

#### *Skin:*

Flush skin with copious amount of water for atleast fifteen minutes. Remove contaminated clothing and wash them before reuse.

#### *Inhalation:*

Remove the affected person (s) to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

#### *Ingestion:*

If swallowed, wash mouth with water. Call a physician

## 5. FIRE FIGHTING MEASURES

***Extinguishing media:***

Water spray, dry chemical powder, carbon dioxide, and chemical foam.

***Special fire fighting procedure:***

Wear protective clothing, wear self contained breathing apparatus.

***Unusual fire and explosion hazard:***

Emits toxic fumes under fire conditions. Combustible liquid can form explosive mixtures at temperatures above the flash point.

## 6. ACCIDENTAL RELEASE MEASURES

***General Information:***

- Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

***Spills/Leaks:***

- Absorb spill with inert material (vermiculite, sand or earth), then place in a suitable container
- Ventilate area and wash spill site after material is completely removed.

## 7. HANDLING AND STORAGE

- **Handling:** Avoid breathing dust, vapour mist or gas. Avoid contact with skin and eyes. Use only in a chemical fumehood.
- **Storage:** Keep away from the source of ignition. Store in a cool, dry place. Store in tightly closed container corrosives area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Facilities storing or utilising this material should be equipped with an eyewash facility and a safety shower.

## 9. PHYSICOCHEMICAL PROPERTIES & FIRE/ EXPLOSION HAZARD DATA

PHYSICAL STATE	: Clear liquid
APPEARANCE	: Colourless to yellow
ODOUR	: Amine like
BOILING POINT	: 202 - 204°C, 82-85 °C at 12.0 mmHg
MELTING POINT	: Data not available
FLASH POINT	: 90°C
VAPOUR PRESSURE	: 0.01 mbar at 20°C
SPECIFIC GRAVITY	: 1.0490
VAPOR DENSITY (AIR=1)	: Data not available
SOLUBILITY IN WATER	: Soluble
pH	: 10.5-11.5
LEL	: Data not available
UEL	: Data not available
AUTO IGNITION TEMPERATURE	: Data not available
EXPLOSIVE SENSITIVITY TO IMPACTS	: Data not available
EXPLOSIVE SENSITIVITY TO STATIC ELECTRICITY	: Data not available
PYROPHORIC MATERIAL	: No
ORGANIC PEROXIDE	: No
MOLECULAR WEIGHT	: 109.13

## 10. STABILITY AND REACTIVITY

- Stable under normal temperature & pressures
- Incompatible with  
Strong oxidizing agents
- Hazardous combustion or decomposition products:  
thermal decomposition may produce carbon monoxide and oxides of nitrogen

## 11. TOXICOLOGICAL INFORMATION

- **Acute effects:**  
Harmful if swallowed, inhaled or absorbed through skin.  
Material is extremely destructive to the mucous membranes and upper respiratory tract
- **Target organs:**  
Behavioral ( Convulsions or effect on seizure threshold)
- **Toxicity:**  
ORAL QAL LD50 : 750 mg/kg  
IVN MUS LD50 : 340 mg/kg
- **Carcinogenicity:**  
Not list by ACGIH, IARC, NIOSH, NTP or OSHA

RTECS # : US1840000

## 12. ECOLOGICAL INFORMATION

- **Ecotoxicity:** Data not available
- **Environmental:** Do not allow to enter waters, waste waters or soil.

## 13. DISPOSAL CONSIDERATION

- Burn in a chemical incinerator equipped with an afterburner and scrubber.
- Observe all federal, state and local environmental regulations

## 14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	:	Amines, liquid, corrosive, n.o.s
UN/ID NUMBER	:	2735
UN HAZARD CLASS	:	8
UN PACKING GROUP	:	III

## 15. REGULATORY INFORMATION

### *European information*

- EC NO. : 223-090-5
- R-34 (causes burns)
- S-26 (in case of contact with eyes, rinse immediately with plenty of water and seek medical advice)
- S-36/37/39 (wear suitable protective clothing/gloves and eye/face protection)

### *US information*

- Is listed in EPA TSCA chemical inventory.
- None of the chemicals in this product is listed under TSCA section 12b
- None of the chemicals in this product has an RQ under SARA Section 302 RQ
- None of the chemicals in this product has an TPQ under SARA Section 302 TPQ
- None of the chemicals in this product is reported under SARA Section 313
- None of the chemicals in this product contains any class1 & class2 ozone depletors , neither contains any hazardous air pollutants under 'Clean Air Act'
- None of the chemicals in this product are listed as Hazardous substances or priority pollutants or Toxic substances list under 'Clean Water Act'

## 16. OTHER INFORMATION

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