

## MATERIAL SAFETY DATA SHEET

*According to 1907/2006/EC, Article 31*

Revision Number : 1

Revision Date : 10/09/2023

### SECTION 1 : Identification of the substance/mixture and of the company/undertaking .

#### 1.1 Product Identifiers

Product Name : 5-Amnio – 1- naphthalenesulfonic Acid  
Product Code : A0345  
Trade Name : NYS 1,5 Laurent's Acid

#### 1.2 Relevant Identified uses of the substance or mixture and uses advised against

Identified uses : Reagents

#### 1.3 Details of the supplier of the safety data sheet

Supplier :  
APURVA CHEMICALS PVT LTD  
Plot No : 2806, 2807/1  
3<sup>rd</sup> Phase GIDC Vapi 396 195  
Gujarat India  
Ph.No : 9913789309

#### 1.4 Emergency Telephone : + 91 9913789309

### SECTION 2 : Hazards Identification

#### 2.1 Classification of the substance or mixture

Skin Corrosion / Irritation Category 2  
Serious eye damage/eye irritation Category 2

#### 2.2 Label elements



Signal Word : Warning

Hazard Statement : H315-Causes skin irritation.

H319 Causes Serious Eye irritation.

Precautionary Statement : P264-Wash hands and face thoroughly after handling.

: P280- Wear protective gloves , eye protection.

:P302+P352+P332+P313+P362+IF ON Skin : wash with plenty of water.

If skin irritation occurs :Get medical advice or attention, Take off contaminated clothing and wash it before reuse.

P305+P351+P338+P337+P313 – If in Eyes : 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 or attention.

#### 2.3 Other Hazards

Results of PBT and vPvBassessment :

PBT : Not applicable

vPvB : Not applicable

### SECTION 3 : Composition /information on ingredients

#### 3.1 Substances :

Components : 5-Amino-1- naphthalenesulfonic Acid

Trade Name : NYS 1,5 Laurent's Acid

Percent :  $\geq 98.0\%$  (T)

CAS NO : 84-89-9

EC NO : 201-571-0

Synonyms 1-naphthylamine-5-sulfonic acid, Laurent's Acid

Chemical Formula :  $C_{10}H_9NO_3S$

A0345 5-Amino-1-naphthalenesulfonic Acid

### SECTION : 4 : First Aid Measures

#### 4.1 Description of 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.

**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.

**Protection of first –aders** : A rescuer should wear personal protective equipment, such as rubber gloves and air tight goggles.

#### 4.2 Most Important symptoms and effects , both acute and delayed.

*No data available.*

#### 4.3 Indication of any immediate medical attention and special treatment needed.

*No data available.*

### SECTION 5 : Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media** : Dry Chemical , Foam, Water Spray, Carbon dioxide.

**5.2 Special hazards arising from the substance or mixture** :Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume, carbon dioxide, carbon monoxide , Nitrogen Oxides (NOx) Sulfur Oxides.

**5.3 Advice for fire fighters** *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 . When extinguishing fire, be sure to wear personal protective equipment.*

### SECTION 6 : Accidental release measures

#### 6.1 Personal Precautions , protective equipment and emergency procedures

Use personal protective equipment. Keep people away from and upwind of spill/leak, Entry to non involved personnel should be controlled around the leakage area by roping off etc.

#### 6.2 Enviromentalprecautions :

Prevent product from entering drains

#### 6.3 Methods and materials for containment and cleaning up

Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of , in accordance with appropriate laws and regulations.

- 6.4 **Reference to other sections**  
For disposal see section 13.

#### SECTION 7 : Handling and storage

- 7.1 **Precautions for safe handling :**  
*Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated. Avoid contact with skin eyes and clothing.*
- 7.2 **Conditions for safe storage including any incompatibilities.**  
Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents.
- 7.3 **Specific end use (s)**  
*No further relevant information available.*

#### SECTION 8 : Exposure controls / personal protection

- 8.1 Control parameters : No data available.
- 8.2 Exposure 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.
- 8.3 Respiratory Protection : Dust respirator, Follow Local and national regulations.
- Hand Protection : Protective gloves.
- Eye Protection : Safety glasses. A face-shield, if the situation requires.
- Skin and body protection : Protective clothing, protective boots, if the situation requires.

#### SECTION 9 : Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Physical State (20 ° C) : Solid
- Form : Crystal – Powder
- Colour : Slightly pale purple – Greyish red
- Odour : No data available.
- pH : No data available.
- Melting point / freezing : No data available.
- Boiling point /range : No data available.
- Flash Point : No data available. (Calculated value : >60 °C)
- Flammability or Explosive limits : No data available.
- Lower : No data available.
- Upper : No data available.
- Relative density : No data available.
- Solubility (es) : No data available.
- Water : No data available.
- Other Solvents : No data available.
- Partition Coefficient : No data available.
- n-octanol /water : No data available.
- Autoignition temperature : No data available.
- Decomposition temperature : No data available.
- Dynamic Viscosity : No data available.
- Kinematic viscosity : No data available.

- 9.2 Other safety information : No data available.

#### SECTION 10 : Stability and reactivity :

- 10.1 Reactivity : No data available.

10.2 Chemical Stability : Stable under proper conditions.  
10.3 Possibility of hazardous reactions : No special reactivity has been reported .  
10.4 Conditions to avoid : No data available.  
10.5 Incompatible material : Oxidizing agents.  
10.6 Hazardous decomposition products : Carbon dioxide , carbon monoxide, Nitrogen Oxides (NOx) Sulfur oxides

## SECTION 11 : Toxicological information

### 11.1 Information on toxicological effects :

Acute Toxicity :Orl-rat LD50:>5000 mg/kg  
Ipr-ratLD50: 2880 mg/kg

Skin Corrosion / irritation :

Germ Cell mutagenicity :

Carcinogenicity :

Reproductive toxicity :

RTECS Number : QK1270500

“ We judged that this product was not classified into Class 6.1 Toxic Substance of current edition of IATA Dangerous Goods Regulations (DGR) according to acute toxicity values and / or Quantitative structure – Activity Relationship (QSAR)

## SECTION 12 : Ecological Information

### 12.1 Toxicity :

Fish : No data available.  
Crustacea : No data available.  
Algae : No data available.

12.2 Persistence and degradability : No data available.

12.3 Bioaccumulative potential : No data available.

12.4 Mobility in soil :  
Log Pow : No data available.  
Soil adsorption (Koc) : No data available.  
Henry's Law (PaM3/mol) No data available.

### 12.5 Results of PBT and vPvB assessment

PBT : Not applicable  
vPvB : Not applicable

12.6 Other adverse effects : No data available.

## SECTION 13 : Disposal Considerations

### 13.1 Waste Treatment methods

Recycle to process , if possible , consult your local regional authorities, You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

## SECTION 14 : Transport Information

14.1 UN Number : Not listed

14.2 UN proper shipping name  
ADR/RID : Not listed

IMDG/IMO : Not listed  
ICAO/IATA : Not listed

**14.3 Transport hazard class(es)**

ADR/RID : Does not correspond to the classification standard of the United Nations.  
IMDG/IMO : Does not correspond to the classification standard of the United Nations  
ICAO/IATA : Does not correspond to the classification standard of the United Nations

**14.4 Packaging group :**

ADR / RID  
IMDG/IMO  
ICAO/IATA

**14.5 Environmental Hazards :**

Marine Pollutant

**14.6 Special Precautions for user : No data available.**

**This substance is not regulated by IATA/ICAO/ADR/RID/IMO/IMDG and is considered to be Non Hazardous for transport by Air/Rail/Road/Sea**

<b>SECTION 15 : Regulatory information</b>
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15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture substance or very High concern (SVHC) according to the : Not listed  
REACH Regulations (EC) No : 1907/2006

15.2 Chemical safety assessment : A chemical safety assessment has not been carried out.

**SECTION 16 : Other Information**

Prepared by : APURVA CHEMICALS PVT LTD  
Issue date : 20.02.2020

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. To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated. 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.

The 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 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