

MATERIAL SAFETY DATA SHEET (MSDS)

01390

p-ANISIDINE (FOR SYNTHESIS)

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : p-ANISIDINE (FOR SYNTHESIS)

Product code : A0028900500

Identification of the product : p-Anisidine
CAS No :104-94-9
EC No :203-254-2
Annex No :612-112-00-2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company identification SUVCHEM
Chaitanya Tower, 2nd Floor, Office # 206,
Siddharth Nagar, S.V. Road,
Goregaon (West), Mumbai - 400062,
Maharashtra, India.
Contact: +91 22 28725393 / 94 / 95
Email ID: info@suvchem.com/care@suvchem.com

1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [Office hours]

2. Hazards identification -DSD

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : T+; R26/27/28
R33
N; R50

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Acute toxicity, Oral - Category 1 - Danger (CLP : Acute Tox. 1) H300
Acute toxicity, Inhalation - Category 2 - Danger (CLP : Acute Tox. 2) H330
Acute toxicity, dermal - Category 1 - Danger (CLP : Acute Tox. 1) H310

Environmental hazards : Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning (CLP : Aquatic Acute 1) H400

2.2. Label elements

MATERIAL SAFETY DATA SHEET (MSDS)
01390
p-ANISIDINE (FOR SYNTHESIS)
2. Hazards identification -DSD (continued)
Labelling EC 67/548 or EC 1999/45
Symbol(s)

Symbol(s)

 : T+ : Very toxic
 N : Dangerous for the environment

R Phrase(s)

 : R26/27/28 : Very toxic by inhalation, in contact with skin and if swallowed.
 R33 : Danger of cumulative effects.
 R50 : Very toxic to aquatic organisms.

S Phrase(s)

 : S1/2 : Keep locked up and out of reach of children.
 S28 : After contact with skin, wash immediately with
 S36/37 : Wear suitable protective clothing and gloves.
 S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).
 S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

Contains

: p-Anisidine

Labelling Regulation EC 1272/2008 (CLP)
Hazard pictograms

Signal words

: Danger

Hazard statements
Precautionary statements
• General

 : P102: Keep out of reach of children.
 P103: Read label before use.
 P101: If medical advice is needed, have product container or label at hand.

• Prevention

: P284: Wear respiratory protection.

• Response

 : P301+P310: IF SWALLOWED : Immediately call a POISON CENTER or doctor.
 P391: Collect spillage.
 P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.

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MATERIAL SAFETY DATA SHEET (MSDS)

01390

p-ANISIDINE (FOR SYNTHESIS)

2. Hazards identification -DSD (continued)

- P302+P350: IF ON SKIN : Gently wash with plenty of soap and water.
P363: Wash contaminated clothing before reuse.
P361: Remove immediately all contaminated clothing.
- **Storage** : P403+P233: Store in well-ventilated place. Keep container tightly closed.
P405: Store locked up.
 - **Disposal considerations** : P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
 - Contains** : p-Anisidine

2.3. Other hazards

- Other hazards** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

3. Composition/information on ingredients

- Substance / Preparation** : p-Anisidine
CAS No :104-94-9
EC No :203-254-2
Annex No :612-112-00-2
Substance.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
p-Anisidine	100 %	104-94-9	203-254-2	612-112-00-2	----	T+; R26/27/28 R33 N; R50 Acute Tox. 1 (skin) _ H310 Acute Tox. 2 (inhal) _ H330 Acute Tox. 1 (oral) _ H300 Aquatic Acute 1 _ H400

Contains no other components or impurities which will influence the classification of the product.

4. First aid measures

4.1. Description of first aid measures

- Inhalation** : Assure fresh air breathing. Allow the victim to rest. Immediately call a POISON CENTER or doctor. Specific treatment is urgent (see on this label). Remove to fresh air and keep at rest in a position comfortable for breathing.
- Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Specific treatment (see on this label). Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.
- Eye contact** : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- Ingestion** : Rinse mouth. Specific treatment (see on this label). Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

MATERIAL SAFETY DATA SHEET (MSDS)
01390
p-ANISIDINE (FOR SYNTHESIS)
4. First aid measures (continued)
4.2. Most important symptoms and effects, both acute and delayed

Symptoms relating to use : Fatal if swallowed.
 Fatal in contact with skin.
 Fatal if inhaled.

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

General information : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures
5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.
Surrounding fires : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection.
 Ventilate area.
For non-emergency personnel : Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
 Avoid release to the environment.

MATERIAL SAFETY DATA SHEET (MSDS)
01390
p-ANISIDINE (FOR SYNTHESIS)
6. Accidental release measures (continued)
6.3. Methods and material for containment and cleaning up

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage
7.1. Precautions for safe handling

Handling : Do not breathe dust, fume, gas, mist, vapours, spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container tightly closed.

Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Specific end use(s) : None.

8. Exposure controls/personal protection
8.1. Exposure controls

Personal protection : Avoid all unnecessary exposure.

- **Respiratory protection** : Wear respiratory protection.
- **Hand protection** : Wear protective gloves.
- **Eye protection** : Chemical goggles or safety glasses.
- **Others** : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits : No data available.

MATERIAL SAFETY DATA SHEET (MSDS)
01390
p-ANISIDINE (FOR SYNTHESIS)
9. Physical and chemical properties
9.1. Information on basic physical and chemical properties

Physical state at 20 °C	: Solid.
Colour	: Dark brown
Odour	: N/A
Odour threshold	: No data available.
pH value	: No data available.
Melting point [°C]	: 56 - 59 °C
Decomposition point [°C]	: N/A
Critical temperature [°C]	: N/A
Auto-ignition temperature [°C]	: N/A
Flammability (solid, gas)	: N/A
Flash point [°C]	: 122 °C
Boiling point [°C]	: 240 - 243 °C
Initial boiling point [°C]	: 240°C
Final boiling point [°C]	: 243 °C
Evaporation rate	: N/A
Vapour pressure [20°C]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm ³]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: Soluble in water
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: N/A
Viscosity at 40°C [mm ² /s]	: N/A

9.2. Other information

Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidising properties	: No data available.

10. Stability and reactivity
10.1. Reactivity

MATERIAL SAFETY DATA SHEET (MSDS)
01390
p-ANISIDINE (FOR SYNTHESIS)
10. Stability and reactivity (continued)
Reactivity : Not established.

10.2. Chemical stability
Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
Hazardous reactions : Not established.

10.4. Conditions to avoid
Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials
Materials to avoid : Strong acids. Strong bases.

10.6. Hazardous decomposition products
Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

11. Toxicological information
11.1. Information on toxicological effects
Acute toxicity

- **Inhalation** : Fatal if inhaled.
- **Dermal** : Fatal in contact with skin.
- **Ingestion** : Fatal if swallowed.

Corrosion : Based on available data, the classification criteria are not met.

Irritation : Based on available data, the classification criteria are not met.

Sensitization : Based on available data, the classification criteria are not met.

Mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Toxic for reproduction : Based on available data, the classification criteria are not met.

STOT-single exposure : Based on available data, the classification criteria are not met.

STOT-repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

MATERIAL SAFETY DATA SHEET (MSDS)
01390
p-ANISIDINE (FOR SYNTHESIS)
12. Ecological information
12.1. Toxicity
Toxicity information : Very toxic to aquatic life.

12.2. Persistence - degradability
Persistence - degradability : Biodegradable.

12.3. Bioaccumulative potential
Bioaccumulative potential : Not established.

12.4. Mobility in soil
Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects
Environmental precautions : Avoid release to the environment.

13. Disposal considerations
13.1. Waste treatment methods
General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.
 Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Special precautions : Hazardous waste due to toxicity.

14. Transport information
14.1. Land transport (ADR-RID)
Proper shipping name
UN N°
H.I. nr : 60

MATERIAL SAFETY DATA SHEET (MSDS)
01390
p-ANISIDINE (FOR SYNTHESIS)
14. Transport information (continued)

ADR - Class : 6.1
 Labelling - Transport : 6.1 : Toxic substances.



ADR - Classification code : T1
 ADR - Group : III
 ADR - Packing instructions : P001 R001 LP001
 ADR - Limited Quantity : 5 L
 ADR - Tunnel code



: E : Passage forbidden through tunnels of category E.

14.2. Sea transport (IMDG) [English only]

Proper shipping name
 UN N°
 IMO-IMDG - Class or division
 IMO-IMDG - Packing group
 IMO-IMDG - Packing instructions
 IMO-IMDG - Limited quantities
 IMO-IMDG - Marine pollution
 EMS-Nr

14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name
 UN N°
 IATA - Class or division
 IATA - Packing group
 IATA - Passenger and Cargo Aircraft : ALLOWED
 - Passenger and Cargo - Packing instruction
 - Passenger and Cargo - Maximum Quantity/Packing
 IATA - Cargo only
 - Cargo only - Packing instruction

MATERIAL SAFETY DATA SHEET (MSDS)

01390

p-ANISIDINE (FOR SYNTHESIS)

14. Transport information (continued)

- Cargo only - Maximum Quantity/
Packing

IATA - Limited Quantities

ERG-Nr : 6L

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

16. Other information

Revision : Revision - See : *

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

List of relevant R phrases (heading 3) : R26/27/28 : Very toxic by inhalation, in contact with skin and if swallowed.
R33 : Danger of cumulative effects.
R50 : Very toxic to aquatic organisms.

List of full text of H-statements in section 3 : H300 : Fatal if swallowed.
H310 : Fatal in contact with skin.
H330 : Fatal if inhaled.
H400 : Very toxic to aquatic life.

Further information : None.

MATERIAL SAFETY DATA SHEET (MSDS)

p-ANISIDINE (FOR SYNTHESIS)

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

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