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**MATERIAL SAFETY DATA SHEET (MSDS)****AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)****1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)

Product code : A0034100100

Identification of the product : AURAMIN C.I.No.41000  
CAS No :2465-27-2

**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; R24  
Xn; R22

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

Health hazards : Acute toxicity, dermal - Category 3 - Danger (CLP : Acute Tox. 3) H311  
Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4) H302

**2.2. Label elements****Labelling EC 67/548 or EC 1999/45**

**MATERIAL SAFETY DATA SHEET (MSDS)**
**AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)**
**2. Hazards identification -DSD (continued)**
**Symbol(s)**

**Symbol(s)**

: T : Toxic

**R Phrase(s)**

: R22 : Harmful if swallowed.

R24 : Toxic in contact with skin.

R40 : Limited evidence of a carcinogenic effect.

**S Phrase(s)**

: S36 : Wear suitable protective clothing.

S37 : Wear suitable gloves.

S45 : In case of accident or if you feel unwell, seek medical advice immediately ( show the label when possible).

**Labelling Regulation EC 1272/2008 (CLP)**
**Hazard pictograms**

**Signal words**

: Danger

**Hazard statements**

: H311 : Toxic in contact with skin.

H302 : Harmful if swallowed.

**Precautionary statements**
**• Prevention**

: P280: Wear protective gloves, protective clothing, eye protection, face protection.

P264: Wash thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

**• Response**

: P302+P352: IF ON SKIN : Wash with plenty of soap and water.

P301+P312: IF SWALLOWED : Call a POISON CENTER or doctor if you feel unwell.

P363: Wash contaminated clothing before reuse.

P361: Remove immediately all contaminated clothing.

**• Storage**

: 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.

**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**

: AURAMIN C.I.No.41000

CAS No :2465-27-2

Substance.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)**
**3. Composition/information on ingredients (continued)**

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**

<b>Inhalation</b>	: Assure fresh air breathing. Allow the victim to rest.
<b>Skin contact</b>	: 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). Immediately call a POISON CENTER or doctor. Wash with plenty of soap and water. Wash contaminated clothing before reuse. Remove/Take off immediately all contaminated clothing.
<b>Eye contact</b>	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
<b>Ingestion</b>	: Obtain emergency medical attention. Do NOT induce vomiting. Rinse mouth. Call a POISON CENTER or doctor if you feel unwell.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Symptoms relating to use</b>	: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Swallowing a small quantity of this material will result in serious health hazard.
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**4.3. Indication of any immediate medical attention and special treatment needed**

<b>General information</b>	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
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**5. Fire-fighting measures**
**5.1. Extinguishing media**

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

**5.2. Special hazards arising from the substance or mixture**

<b>Hazardous combustion products</b>	: Under fire conditions, hazardous fumes will be present.
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**5.3. Advice for fire-fighters**

<b>Protection against fire</b>	: Do not enter fire area without proper protective equipment, including respiratory protection.
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**MATERIAL SAFETY DATA SHEET (MSDS)**
**AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)**
**5. Fire-fighting measures (continued)**

**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.

**6.3. Methods and material for containment and cleaning up**

**Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust. 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 eat, drink or smoke when using this product. Wash thoroughly after handling.

**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 closed when not in use.

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

**7.3. Specific end use(s)**

**Specific end use(s)** : None.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)**
**8. Exposure controls/personal protection**
**8.1. Exposure controls**

Personal protection	: Avoid all unnecessary exposure.
• Respiratory protection	: Wear approved mask.
• 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.
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**9. Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state at 20 °C	: Solid.
Colour	: Yellow powder
Odour	: N/A
Odour threshold	: No data available.
pH value	: Not applicable.
Melting point [°C]	: > 250 °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]	: N/A
Boiling point [°C]	: N/A
Initial boiling point [°C]	: N/A
Final boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm <sup>3</sup> ]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: 10 g/l at 20 °C
Solubility in water	: N/A

**MATERIAL SAFETY DATA SHEET (MSDS)****AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)****9. Physical and chemical properties (continued)**

Log Pow octanol / water at 20°C	: No data available.
Solubility	: 6,5
Viscosity at 40°C [mm <sup>2</sup> /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**

Reactivity	: Not established.
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**10.2. Chemical stability**

Chemical stability	: Stable under recommended storage conditions.
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**10.3. Possibility of hazardous reactions**

Hazardous reactions	: Not established.
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**10.4. Conditions to avoid**

Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
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**10.5. Incompatible materials**

Materials to avoid	: Strong acids. Strong bases.
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**10.6. Hazardous decomposition products**

Hazardous decomposition products	: Fumes. Carbon monoxide. Carbon dioxide.
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**11. Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	
• Inhalation	: Based on available data, the classification criteria are not met.

**MATERIAL SAFETY DATA SHEET (MSDS)**
**AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)**
**11. Toxicological information (continued)**

• Dermal	: Toxic in contact with skin.
• Ingestion	: Harmful 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.

**12. Ecological information**
**12.1. Toxicity**

Toxicity information : Not established.

**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**

**MATERIAL SAFETY DATA SHEET (MSDS)**
**AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)**
**13. Disposal considerations (continued)**

<b>General</b>	: 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.
<b>Special precautions</b>	: Hazardous waste due to toxicity.

**14. Transport information**
**14.1. Land transport (ADR-RID)**

<b>UN N°</b>	: 2811
<b>H.I. nr</b>	: 60
<b>ADR - Class</b>	: 6.1
<b>Labelling - Transport</b>	: 6.1 : Toxic substances.



<b>ADR - Classification code</b>	: T2 T2
<b>ADR - Group</b>	: III

**14.2. Sea transport (IMDG) [English only]**

<b>UN N°</b>	: 2811
<b>IMO-IMDG - Class or division</b>	: 6.1 : Toxic substances.
<b>IMO-IMDG - Packing group</b>	: III

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

<b>UN N°</b>	: 2811
<b>IATA - Class or division</b>	: 6.1 : Toxic substances.
<b>IATA - Packing group</b>	: III

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

<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	: Ensure all national/local regulations are observed.
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### AURAMINE O (FOR MICROCOPY) (C. I. NO. 41000)

#### 15. Regulatory information (continued)

**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

**Further information** : None.

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

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- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
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- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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