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

1.1 Product identifiers
   Product name: Anisaldehyde
   CAS-No.: 123-11-5

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified uses: Laboratory chemicals, Industrial & for professional use only.

1.3 Details of the supplier of the safety data sheet
   Company: Central Drug House (P) Ltd
   7/28 Vardaan House
   New Delhi-10002
   INDIA
   Telephone: +91 11 49404040
   Email: care@cdhfinechemical.com

1.4 Emergency telephone number
   Emergency Phone #: +91 11 49404040 (9:00am - 6:00 pm) [Office hours]

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
   Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label elements
   The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards
   This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances
   Synonyms: Aubépine
               4-Methoxybenzaldehyde
   Formula: C₈H₈O₂
   Molecular weight: 136.15 g/mol
   CAS-No.: 123-11-5
   EC-No.: 204-602-6
No components need to be disclosed according to the applicable regulations.

SECTION 4: First aid measures

4.1 Description of first aid measures

   General advice
   Consult a physician. Show this safety data sheet to the doctor in attendance.

   If inhaled
   If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

   In case of skin contact
   Wash off with soap and plenty of water. Consult a physician.

   In case of eye contact
   Flush eyes with water as a precaution.

   If swallowed
   Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
   The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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
   Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

   Carbon oxides

5.3 Advice for firefighters

   Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

   No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

   Use personal protective equipment. Avoid breathing vapours, mist or gas.
   For personal protection see section 8.

6.2 Environmental precautions

   Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

   Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

   For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

   For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

   Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
   Storage class (TRGS 510): Combustible liquids
7.3 Specific end use(s)  
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection  

8.1 Control parameters  
Components with workplace control parameters

8.2 Exposure controls  
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment  

Eye/face protection  
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection  
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection  
impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection  
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure  
Do not let product enter drains.

SECTION 9: Physical and chemical properties  

9.1 Information on basic physical and chemical properties  

a) Appearance  
Form: liquid, clear  
Colour: dark yellow

b) Odour  
No data available

c) Odour Threshold  
No data available

d) pH  
7 at 2 g/l at 20 °C

e) Melting point/freezing point  
Melting point/range: -1 °C - lit.

f) Initial boiling point and boiling range  
248 °C - lit.

g) Flash point  
116 °C - closed cup

h) Evaporation rate  
No data available

i) Flammability (solid, gas)  
No data available

j) Upper/lower flammability or explosive limits  
No data available

k) Vapour pressure  
77 hPa at 160 °C  
< 1 hPa at 20 °C

l) Vapour density  
4.70 - (Air = 1.0)
m) Relative density 1,119 g/cm³ at 25 °C  

n) Water solubility No data available  

o) Partition coefficient: n-octanol/water No data available  

p) Auto-ignition temperature No data available  

q) Decomposition temperature No data available  

r) Viscosity No data available  

s) Explosive properties No data available  

t) Oxidizing properties No data available  

9.2 Other safety information  
Relative vapour density 4.70 - (Air = 1.0)  

SECTION 10: Stability and reactivity  

10.1 Reactivity  
No data available  

10.2 Chemical stability  
Stable under recommended storage conditions.  

10.3 Possibility of hazardous reactions  
No data available  

10.4 Conditions to avoid  
No data available  

10.5 Incompatible materials  
Strong bases, Strong oxidizing agents, Strong reducing agents  

10.6 Hazardous decomposition products  
Other decomposition products - No data available  
In the event of fire: see section 5  

SECTION 11: Toxicological information  

11.1 Information on toxicological effects  

Acute toxicity  
LD50 Oral - Rat - 3.210 mg/kg  
LD50 Dermal - Rabbit - > 5.000 mg/kg  

Skin corrosion/irritation  
No data available  

Serious eye damage/eye irritation  
No data available  

Respiratory or skin sensitisation  
No data available  

Germ cell mutagenicity  
No data available  

Carcinogenicity  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  

Reproductive toxicity  
No data available  

Specific target organ toxicity - single exposure  
No data available
Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: BZ2625000
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number
ADR/RID: -  
IMDG: -  
IATA: -

14.2 UN proper shipping name
ADR/RID:  Not dangerous goods
IMDG:  Not dangerous goods
IATA:  Not dangerous goods

14.3 Transport hazard class(es)
ADR/RID:  -
IMDG:  -
IATA:  -

14.4 Packaging group
ADR/RID:  -
IMDG:  -
IATA:  -

14.5 Environmental hazards
ADR/RID: no
IMDG Marine pollutant: no
IATA: no

14.6 Special precautions for user
No data available

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available
15.2 Chemical Safety Assessment
For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Further information
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.cdhfinechemical.com for additional terms and conditions of sale.