

ANTHRONE

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: ANTHRONE
Product Code: 080
CAS#: 90-44-8 .
Synonym: 9,10, Dihydro-9-oxoanthracene
Chemical Name: Not available
Chemical Formula: C₁₄H₁₀O
Molecular Weight: 194.24

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:
Name: Anthrone.
Chemical Formula: C₁₄H₁₀O
Molecular Weight: 194.24

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture:
Classification according to Regulation (EC) No 1272/2008:
Skin irritation (Category 2), H315
Eye irritation (Category 2), H319
Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

SECTION 4: FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water.
Skin Contact: Wash off with soap and plenty of water. Cover the irritated skin with an emollient.
Serious Skin Contact: Not available
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation: Not available

SECTION 5: FIRE AND EXPLOSION DATA

Flammability of the Product: May be combustible at high temperature
Auto-Ignition Temperature: Not available.
Flash Points: Not available.
Flammable Limits: Not available.
Products of Combustion: Carbon oxides.
Fire Hazards in Presence of Various Substances: Slightly Flammable in presence of heat.
Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks.
Fire Fighting Media and Instructions:
SMALL FIRE: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
LARGE FIRE: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Remarks on Fire Hazards: As with most organic solids, fire is possible at elevated temperatures.



Special Remarks on Explosion Hazards: Not Available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers.

SECTION 7: HANDLING AND STORAGE

Precautions: Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Gloves.

Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not Available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------------------------|
| Appearance Form | : Pale yellow crystalline powder |
| Colour | : Not available |
| Odour | : Not available |
| Odour Threshold | : Not available |
| pH | : Not available |
| Melting point/freezing point | : Not available |
| Initial boiling point and boiling range | : Not available |
| Flash point | : Not available |
| Evapouration rate | : Not available |
| Flammability (solid, gas) | : Not available |
| Upper/lower flammability or explosive limits | : Not available |
| Vapour pressure | : Not available |



| | |
|---------------------------|-----------------|
| Vapour density | : Not available |
| Relative density | : Not available |
| Water solubility | : Not available |
| Partition coefficient | : Not available |
| Auto-ignition temperature | : Not available |

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Excess heat, light, incompatible materials.

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not Available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion.

Toxicity to Animals: Not Available.

Chronic Effects on Humans: Mutagenic for bacteria and/or yeast.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: May affect genetic material (mutagenic).

Special Remarks on other Toxic Effects on Humans: May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available

BOD and COD: Not available

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available

Mobility in soil: Not available

Results of PBT and vPvB assessment PBT/vPvB assessment: Not available

Other adverse affects: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number:

ADR/RID:

IMDG:

IATA:

UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods



IATA: Not dangerous goods

Transport hazard class (es):

ADR/RID:

IMDG:

IATA:

Packaging group:

ADR/RID:

IMDG:

IATA:

Environmental hazards:

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment: For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Other Special Considerations: Not available.

The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.

