

# ADINATH CHEMICALS

## Material Safety Data Sheet

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| Manufacturers/Distributors Name/Address  | Emergency/Info Phone No. | TREM Card Ref. No.  |
|--|--------------------------|---------------------|
| <b>ADINATH CHEMICALS</b><br>4, Sanskar Industrial Estate, Beside Kailash Estate Odhav, Ahmedabad, India – 382415<br>Tel: +91-79-65422528, Fax: +91-79-22773764 | 0091-79-6542528          | ADI/TO/TERM-CARD-08 |

### HAZARD RATING:

4-Extreme  
3-High  
2-Moderate  
1-Slight  
0-Insignificant

|              |    |
|--------------|----|
| Health       | 1  |
| Flammability | 1  |
| Reactivity   | 0  |
| Special      | -- |

### PRODUCT IDENTIFICATION:

|                       |                   |                      |
|-----------------------|-------------------|----------------------|
| Product or Trade Name | Paraffin Wax      |                      |
| Product Class         | Pharma Grade      |                      |
| Product Code No.      | PW                |                      |
| Chemical Name         | Mixture of Waxes  |                      |
| FEMA No.- -----       | CAS No. 8002-74-2 | Formula: Mix. of Wax |

### PHYSICAL DATA:

|                                   |  |
|-----------------------------------|--|
| Odour, Appearance, Physical State | Almost colorless, white / Yellow & Semi Solid Mass |
| Boiling Point                     | Above 200°C.                                       |
| Melting Point                     | 50 to 66°C.  |
| Specific Gravity / Density        | 0.80 – 0.90  |
| Solubility in Water               | Insoluble  |
| Vapour Pressure                   | N.A.   |
| Vapour Density                    | N.A.   |

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## FIRE, EXPLOSION, REACTIVITY DATA:

|  |   |
|--|---|
| <b>Flash Point:</b> ABOVE 180°C.<br>Method Used: COC                     | <b>OSHA Classification:</b> N.A.  |
| <b>Extinguishing media:</b><br>Water / Fog CO <sub>2</sub> Foam Dry Chem | <b>DOT Hazard Classification:</b> N.A.  |
| <b>Unusual fire and explosive hazards:</b>                               | None (Not Flammable), but will burn at high temperature.  |
| <b>Special firefighting procedures:</b>                                  | Ventilate contaminated area. Eliminate all sources of ignition or flammable that may come in contact with spilled material. |
| <b>Hazardous combustible or Decomposition products:</b>                  | Prolonged & repeated contact with the material produce skin irritation & no decomposition.                                  |
| <b>Stability</b>   | Stable at room temp.  |
| <b>Hazardous polymerization products</b>                                 | N.A.  |
| <b>Condition to avoid</b>  | Extreme heat / sunlight.  |
| <b>Materials to avoid</b>  | Open flames and ignition sources.   |

## PROTECTION INFORMATION:

|   |  |                     |   |
|---|--|---------------------|---|
| <b>Respiratory:</b>                               | Avoid inhalation of vapours, Mist of this product may cause irritation to the mucous membrane. | <b>Ventilation:</b> | Normal ventilation.<br>For use at high temp.<br>Local exhaust req.              |
| <b>Eyes:</b>                                      | May cause irritation on contact. Immediately flush with copious amt. of Water.                 | <b>Skin:</b>        | May cause mild irritation on contact. Wash thoroughly with mild soap and water. |
| <b>Other protective devices &amp; Procedures:</b> | Avoid generation of mist. Avoid inhalation of vapours. Ventilate the area on spillage.         |                     |   |

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## OCCUPATIONAL EXPOSURE LIMIT:

This material does not contain components which appear in 29CFR 1910.1000.  
The permissible limits are:

| TWA (PPM) | STEL (PPM) | CEILING (PPM) |
|-----------|------------|---------------|
|-----------|------------|---------------|

Has this product been listed as a carcinogen or potential carcinogen in the 'Annual Report Carcinogen' published by NTP, OSH or the international agency for research on Cancer?

N.A.

## HEALTH HAZARD INFORMATION:

|   |   |
|---|---|
| <b>Routes of Entry:</b>   | Hand, Eyes, Oral & Inhalation.  |
| <b>Prevent entering streams, sewers or drinking water supply.</b> |   |
| <b>Symptoms of exposure:</b>                                      | Oral: Will cause nausea, vomiting & diarrhea but has a low order of toxicity. |
| <b>Medical conditions aggravated by exposure</b>                  | Seek physician's advice.  |

## EMERGENCY AND FIRST AID PROCEDURES:

|                             |   |
|-----------------------------|---|
| <b>Inhalation exposure:</b> | Remove to fresh air & provide oxygen, if breathing is difficult. Contact physician.   |
| <b>Skin contact:</b>        | Remove contaminated clothing. Flush skin with water. Wash skin thoroughly with mild soap & water. If irritation occurs, call a physician. |
| <b>Swallowing or other:</b> | Do not induce vomiting. In general no treatment is necessary unless large quantities are ingested. Get medical advice.                    |

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## SPILL, LEAK AND DISPOSAL PROCEDURE

|   |   |
|---|---|
| <b>Precautions if material is spilled or release:</b> | Contain or dike spill material where possible. Absorb the remaining material with an inert absorbent & shovel into proper waste disposal container. |
| <b>Waste disposal Method:</b>                         | Dispose off at an appropriate waste disposal facility in accordance with current applicable laws and regulations.                                   |

## HANDLING AND STORAGE PROCEDURES:

|  |  |
|--|--|
| <b>Protective measures during repair/<br/>Maintenance of contaminated equipment:</b> | Wipe and clean contaminated equipment Or parts.                                |
| <b>Hygienic practices for handling:</b>  | Do not get into eyes. Avoid skin contact & inhalation. Do not take internally. |
| <b>Others:</b>   | Keep container sealed.   |

## Ecological Information:

- No specific ecological data available.
- Water Hazard class (FRG): WGK 2 (self classification)

## Transport Information:

- **Technical name – Wax**
- **US DOT STATUS:** REGULATED BY THE US DEPARTMENT OF TRANSPORTATION AS A NON HAZARDOUS MATERIAL.
- Proper Shipping Name: Not regulated
- Packing Group: Not Applicable
- Hazard Class: Not regulated UN/NA Number: Not Applicable
- MARPOL III status: Not a DOT Marine Pollutant

|         |           |           |       |
|---------|-----------|-----------|-------|
| ADR/RID | IMDG/IMCO | ICAO/IATA | UN-NO |
| -       | -         | -         | -     |

## Fire Fighting Procedure:

- Suitable Extinguishing agents: **Water, extinguishing powder, CO2, foam**
- Exposure hazards: In case of fire the fumes may contain lead oxides.

Special protective equipment: **Self-contained breathing apparatus.**

## Accidental Release Measures:

**Personal Precautions:** Prevent formation of dust.  
Take care for proper ventilation and protective mask.

**Environmental Precautions:** Do not allow getting into soil, drains or water.

**Cleanup procedure:** Collect in suitable container.  
Label with stickers.

**Other Information:** This safety data sheet shows our actual knowledge about our products. It is not a guarantee for certain properties.

## DISCLAIMER:

Information contained in this material data sheet is believed to be reliable, but no representation, guarantee or warranties of any kind made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the manufacturer / seller to ensure that the information content in the material data sheet is relevant to the product manufactured / handled or sold by, as the case may be. ADINATH CHEMICALS makes no warranties expressed or implied in respect of the adequacy of this document for any particular purpose.