



# Payal Polyplast Pvt. Ltd.

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ISO 9001:2001 & ISO 14001:2004  
Certified Company

## SECTION I. MATERIAL IDENTIFICATION & USE

|  |   |
|--|---|
| MATERIAL NAME                            | Di-iso Nony Phthalate   |
| MANUFACTURER'S NAME & ADDRESS            | PAYAL POLYMERS PVT LTD<br>PLOT NO-87,88,102 & 103, PANCHAL UDYOG NAGAR<br>BHIMPORE, DAMAN- 396210 |
| SUPPLIER'S NAME & ADDRESS                | PAYAL POLYMERS PVT LTD<br>PLOT NO-87,88,102 & 103, PANCHAL UDYOG NAGAR<br>BHIMPORE, DAMAN- 396210 |
| CHEMICAL NAME: Di-iso Nony Phthalate     | CHEMICAL IDENTITY-<br>C <sub>6</sub> H <sub>6</sub> -(C-O2-C9-H19) <sub>2</sub>                   |
| TRADE NAME: DINP                         | MOLECULAR WEIGHT -418   |
| & SYNONYMS: 1,2 Benzenedicarboxylic acid | PRODUCT USE PLASTICIZER FOR RESINS & ELASTOMERS   |

## SECTION II. HAZARDOUS INGREDIENTS OF MATERIAL

| NAME                  | % CONC | CAS NO     | UN NO | LD 50 | LC 50 |
|-----------------------|--------|------------|-------|-------|-------|
| Di-iso Nony Phthalate | 99     | 68515-48-0 | DNA   | DNA   | DNA   |

## SECTION III. PHYSICAL DATA FOR MATERIAL

|                                       |                |                     |                    |
|---------------------------------------|----------------|---------------------|--------------------|
| STATE                                 | LIQUID         | APPEARANCE          | Clear              |
| ODOUR                                 | Faint odor     | SPECIFIC GRAVITY    | 0.967-0.972        |
| ODOUR THRESHOLD                       | NOT APPLICABLE | VAPOUR PRESSURE     | <0.001 kPa @38 C   |
| BOILING POINT                         | 250-252° C     | VAPOUR DENSITY      | >10                |
| MELT, FREEZING POINT                  | -48° C         | EVAPORATIONAL RATE  | NOT Data available |
| p <sup>H</sup>                        | 7              | SOLUBILITY IN WATER | INSOLUBLE          |
| COEFFICIENT OF WATER/OIL DISTRIBUTION | 0              | BULK DENSITY        | NOT PERTINENT      |

## SECTION IV. FIRE AND EXPLOSION HAZARD

|                        |                    |                                 |           |
|------------------------|--------------------|---------------------------------|-----------|
| FLAMMABILITY           | IF PRE HEATED      | SPECIAL PROCEDURE               | USE FOAM  |
| MEANS TO EXTINGUISH    | FOAM               | LOWER EXPLOSIVE LIMIT           | DNA       |
| FLASH POINT(by method) | 201F (>94 C)(PMCC) | UPPER EXPLOSIVE LIMIT           | DNA       |
| AUTO IGNITION TEMP     | 500F (260C)        | NFPA CLASSIFICATION             | DNA       |
| HAZARDOUS COMBUSTION   |                    | TDG CLASSIFICATION              | CLASS 9   |
| PRODUCT                | SMOKE              | SENSITIVITY TO STATIC DISCHARGE | NOT KNOWN |
| MECHANICAL IMPACT      |                    |                                 |           |
| SENSITIVITY            | NIL                |                                 |           |

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**SECTION V. REACTIVITY DATA**

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|                                 |                  |
|---------------------------------|------------------|
| CHEMICAL STABILITY              | NORMALLY STABLE  |
| INCOMPATIBLE SUBSTANCE          | OXIDIZING AGENT  |
| REACTIVITY CONDITION            | AT BOILING POINT |
| HAZARDOUS DECOMPOSITION PRODUCT | SMOKE            |

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**SECTION VI. TOXICOLOGICAL PROBLEMS**

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|                           |                                    |
|---------------------------|------------------------------------|
| SKIN CONTACT              | IRRITATION DERMATITIS              |
| SKIN ABSORPTION           | NIL                                |
| EYE CONTACT               | IRRITATION                         |
| INHALATION                | Irritation                         |
| INGESTION                 | No Data Available                  |
| IRRITANCY                 | SLIGHT SENSATION TO VUNERABLE SKIN |
| SENSITISATION TO MATERIAL | CARCINOGENIC EFFECT                |
| SYNERGESTIC MATERIAL      | SOLVENT                            |

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**SECTION VII. PREVENTIVE MEASURES**

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|                              |  |
|------------------------------|--|
| PROTECTIVE EQUIPMENTS        | HAND GLOVES  |
| ENGINEERING CONTROL          | CHARGING MECHANICALLY  |
| LEAK OR SPILL PROCEDURE      | ABSORB ON DRY SAND   |
| WASTE CONTROL PROCEDURE      | SAND OR EARTHEN BOUNDS   |
| HANDLING & STORAGE           | STORE IN LEAK PROOF CONTAINER AND TRANSFER<br>THROUGH PIPELINE         |
| SPECIAL SHIPPING INFORMATION | FLOATS ON WATER & VISCOSITY AT ROOM TEMPT<br>81.4 CENTI POISE AT 20° C |

**SECTION VIII. FIRST AID MEASURE**

REMOVE CONTAMINATED CLOTHING,WIPE OF AFFECTED SKIN AND WASH WITH SOAP AND WATER.