**RISHABH RESINS & CHEMICALS**

 **(AN ISO 9001:2008 CERTIFIED COMPANY)**

 ***Office & Factory*: Plot No.15 E & F, Sri Venkateshwara Co-op. Industrial Estate,**

 **IDA Jeedimetla, Hyderabad – 500 055, Telangana, India.**

 **Ph: +91-40-23096104, 40213015 • Fax: +91-40-23097040**

 **Email:rrc@rishabhgroup.com, nilesh@rishabhgroup.com, Web: www.rishabhgroup.com**

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| MATERIAL SAFETY DATA SHEET | **Page 1 of 4** |
| **Date: 19-01-2018** |
| PRODUCT: CASHEW NUT SHELL LIQUID | **RISHABH RESINS & CHEMICALS, INDIA** |

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| **1.** | **Identification of the Product:** |

**- Identification of the Product : Cashew Nut Shell Liquid (CNSL OIL)**

**- HS Code : 13021920**

**- CAS Number : 8007-24-7**

**- Type of Product : Vegetable Oil**

**- Uses : Manufacturing of CNSL based Resins, Varnishes, Cardanol, Foundry**

 **Resins, Anti-Corrosive Lining Chemicals, Acid Resistant Paints, Insecticides**

 **& Fungicides, Rubber Compounding, Cashew Lacquers & Enamel Paints..**

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| **2.** | **Information on Ingredients (Raw Material):** |

**- Composition :**

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| **Substance Name** |  **Value** |  **CAS Number** |
| **Cashew Nut Shell Liquid****(3-n-Pentadecenyl Phenol)** |  **98%** | **8007-24-7** |

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| **3.** | **Hazards Identification:** |

**- Risk Phrases : No significant Hazards Symptoms relating to use**

**- Inhalation : Not expected to present a significant inhalation hazard under**

 **anticipated conditions of normal use.**

**- Skin Contact : Not expected to present a significant skin hazard.**

**- Eye Contact : Direct contact with the eyes is likely irritating.**

**- Ingestion : Not expected to present a significant ingestion hazard under**

 **anticipated conditions of normal use.**

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| **4.** | **First Aid Measures:** |

**First Aid**

**- Inhalation : Assure fresh Air breathing.**

**- Skin Contact : Wash Skin thoroughly with mild soap and water.**

**- Eye Contact : Rinse immediately with plenty of water.**

**- Ingestion : Rinse mouth with water**

 **Cont’d….2**

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| **5.** | **Fire Fighting measures:** |

**- Extinguishing Media : All extinguishing media can be used**

**- Surrounding Fires : Use water spray or fog for cooling exposed containers.**

**- Special exposures Hazards : When heated to decomposition, emits dangerous fumes.**

**- Protection against fire : Do not enter fire area without proper protective Equipment,**

 **Including Respiratory protection.**

**- Special Procedures : Exercise caution when fighting any chemical fire. Avoid (Reject)**

 **fire-fighting water to enter Environment.**

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| **6.** | **Accidental Release Measures** |

**- Personal Precautions : Equip clean-up crew with proper protection.**

**- Environmental Precautions : Prevent entry to sewers and public waters. Notify Authorities if**

 **product enters sewers or public waters.**

**- After spillage and/or leakage : Clean up any splits as soon as possible, using an Absorbent material**

 **to collect it. Use suitable disposal Containers.**

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| **7.** | **Handling and Storage** |

**- Precautions in handling and storage : Handle in accordance with good industrial hygiene and Safety**

 **procedures.**

**- Storage : Keep container closed when not in use.**

**- Handling : Vapours releases above 150°C may cause skin irritation. Do not**

 **breathe gas, fumes vapour or spray. Wash hands and other exposed**

 **areas with mild soap and water before eat, drink or smoke and**

 **when leaving work.**

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| **8.**  | **Exposure controls / personal protection** |

 **Personal Protection**

**- Respiratory protection : No special respiratory protection equipment is recommended**

 **under normal conditions of use with Adequate ventilation.**

**- Hand protection : In case of repeated or prolonged contact wear gloves.**

**- Skin protection : No special clothing/skin protection equipment is recommended**

 **under normal conditions of use.**

**- Eye protection : Eye protection should only be necessary where liquid could be splashed**

 **or sprayed.**

**- Ingestion : When using, do not eat, drink or smoke.**

**- Industrial hygiene : Either local exhaust or general room ventilation is usually required.**

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| **9.**  | **Physical and Chemical Properties** |

**- Physical state : Liquid**

**- Colour : Dark Brown Liquid**

**- Odour : Pungent Oil**

**- Ph value : 6.5**

**- Decomposition Point (°C) : > 100 °C**

**- Density (Kg/m3) : ̴ 1090**

**- Vapour Pressure : < 8**

**- Solubility in water : Insoluble**

**- Solubility : Organic solvents**

**- Flash Point (°C) : 305 °C**

**- Iodine Value : Between 240-270**

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| **10.**  | **Stability and Reactivity** |

**- Hazardous Reactions : None under normal conditions**

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| **11.**  | **Toxicological Information** |

 **- On Product : This preparation is not classified as dangerous.**

**- Toxicity Information : Can cause sensitization to individuals allergic to the Rhus-family of**

 **Plants.**

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| **12.**  | **Ecological Information** |

**On Product : This preparation is not classified as dangerous.**

**Biodegradation (%) : Ca 95%**

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| **13.** | **Disposal considerations** |

**Disposal : Avoid release to the environment. Dispose in a safe manner in**

 **accordance with local/national regulations.**

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| **14.**  | **Transport Information** |

**General Information : This confirm that, the goods are in proper condition for**

 **transportation and it is non-hazardous substance. There is no**

 **restriction to transportation in road, rail, air and ocean as per**

 **IATA / ICAO regulation.**

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| **15.**  | **Regulatory Information** |

**- Symbol(s) : None.**

**- R Phrase(s) : None.**

**- S Phrase(s) : S26- In case of contact with eyes, rinse Immediately with plenty of**

 **water and seek medical advice.**

 **S27- Take off immediately all contaminated clothing.**

 **S28- After contact with skin, wash immediately with plenty of water.**

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| **16.**  | **Other Information** |

**Further information : None**

**Note:**

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