


Material Safety Data Sheet

DATE:2022-3-15

| | | |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Section 1. Chemical product and company identification | | |
| Common name | Tung oil | |
| Supplier | Company Identification: Henan Jinhe Industry Co.,Ltd Address: No. 73 Beisanhuan Road,Zhengzhou City,Henan Province, China Tel: 0086-371-86107223 | |
| Synonym | Tung oil | |
| Trade name | Tung oil | |
| Material uses | Industrial applications: Industrial use | |
| Section 2. Composition, information on ingredients | | |
| Name | Cas # | % by Weight |
| 1) Tung oil | 8001-20-5 | >100 |
| Name | Exposure limits | |
| 1) Tung oil | Not available | |
| Section 3. hazards identification | | |
| Physical state and appearance | Liquid (Yellowish) | |
| Emergency overview | While it is in any fire , it can be lighted, but not flammable. It is as the material of cosmetics , so that it has no harmful to human body. | |
| Routes of entry | Eye contact. Inhalation. Ingestion. | |
| Potential acute health effects | | |
| Eyes | <u>May cause eye irritation</u> | |
| Skin | <u>No harmful</u> | |
| Inhalation | <u>No harmful</u> | |
| Ingestion | <u>Strong odor, can not cause ingestion</u> | |
| Potential chronic health effects | Carcinogenic effects: No. Mutagenic effects: Not available. Teratogenic effects: <u>Not available.</u> | |
| Medical conditions aggravated by overexposure: | Not available | |
| Overexposure/signs / symptoms | Not available | |
| See toxicological information(section II) | | |
| Section 4. First aid measures | | |
| Eye contact | In case of contact, immediately flush eyes with plenty water for at least 15 minutes. | |
| Skin contact | In case of contact, flush skin with water. | |
| Inhalation | No harmful. | |
| Ingestion | No harmful . | |
| Notes to physician | Not available | |
| Continued next page | | |

| | |
|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Section 5. Fire fighting measures | |
| Flammability of the product | May be combustible in fire |
| Auto-ignition temperature | Not available |
| Flash points | More than 250C |
| Flammable limits | Not available |
| Products of combustion | Not available |
| Fire hazards in presence of Various substance | flammable in presence of open flames |
| Fire fighting media and instructions | Use dry chemical, carbon dioxide to stop the fire |
| Protective clothing(Fire) | Be sure to use a chemical fume hood and protective glasses |
| Special remarks on fire Hazards | Not available |
| Special remarks on explosion hazards | Not available |
| Section 6. Accidental release measures | |
| Spill and leak | Clean and clear up the liquid with cottonous cloth. |
| Section 7. Handling and storage | |
| Handling | Wash thoroughly after handing. Avoid contact with eyes. Keep away from flame. |
| Storage | Keep away from heat , sparks, and flam. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables- area. |
| Section 8. Exposure controls, personal protection | |
| Engineering controls | <u>Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use only under a chemical fume hood. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.</u> |
| Personal protection | |
| Eyes | Splash goggles. |
| Body | Lab coat. |
| Respiratory | Dust respirator. |
| Hands | Gloves |
| Feet | Not applicable. |
| Protective clothing | |
|  <p>(pictograms)</p> | |
| Personnal protection in case of a large spill | Splash goggles. Full suit. Boots. Gloves. |
| Product name | Exposure limites |
| 1) Tung oil | Not available |
| Consult local authorities for acceptable exposure limits. | |
| Continued on next page | |

| |
|----------------------------------------------------|
| Section 9. Physical and chemical properties |
|----------------------------------------------------|

| | |
|--------------------------------------|-----------------------------------|
| Physical state and Appearance | <u>Liquid(Yellowish Liquid)</u> |
| Molecular weight | Not available |
| Molecular formula | <u>C57H92O6</u> |
| Ph(1% Soln/Water) | Not available |
| Boiling/condensation point | Not available |
| Melting/freezing point | Not available |
| Critical temperature | Not available |
| Specific gravity | 0.9360 ~0.9395 |
| Vapor pressure | Not available |
| Vapor density | Not available |
| Volatility | Not available |
| Odor threshold | Oil fat odor |
| Evaporation rate | Not available |
| VOC | Not available |
| Viscosity | Not available |
| LogK_{ow} | Not available |
| Ionicity(in water) | Not available |
| Dispersion properties | Not available |
| Solubility | Not soluble |
| Physical chemical comments | Not available |

| |
|---------------------------------------------|
| Section 10. Stability and reactivity |
|---------------------------------------------|

| | |
|------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Stability and reactivity | Stable at room temperature in closed containers under normal <u>storage and handling conditions.</u> |
| Conditions of instability | Not available |
| Incompatibility with Various substances | Not available |
| Hazardous decomposition product | <u>Not available</u> |
| Hazardous polymerization | Not available |

| |
|----------------------------------------------|
| Section 11. Toxicological information |
|----------------------------------------------|

| | |
|---------------------------------------------------------|----------------------------------------|
| Toxicity to animals | No harmful |
| Chronic effects on humans | Mutagenic effects: <u>No.</u> |
| Other toxic effects on humans | Not considered to be toxic for humans. |
| Special remarks on Toxicity to animals | <u>Not available</u> |
| Special remarks on Chronic effects on humans | <u>Not available</u> |
| Special remarks on other Toxic effects on humans | Not available |
| Continued to next page | |

| | | |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------|
| Tung Oil | | Page 4/5 |
| Section 12. Ecological information | | |
| Ecotoxicity | The product is steamed by water steam from the natural- fresh tung nuts then cooled and seperated | |
| BOD and COD | Not available | |
| Biodegradable/ OECD | Not available | |
| Mobility | Not available | |
| Products of degradation | Not available | |
| Toxicity of the products of Biodegradation | Not available | |
| Special remarks on the Products of biodegradation | Not available | |
| Section 13. Disposal considerations | | |
| Waste information | <u>Not available</u> | |
| Waste stream | <u>Not available</u> | |
| Consult your local or regional authorities | | |
| Section 14. Transport information | | |
| UN number | Not available | |
| DOT classification | Not available | |
| Marine pollutant | Not available | |
| Special provisions for transport | Not available | |
| ADR/RID classification | Not available | |
| IMO/IMDG classification | Not available | |
| ICAD/IATA classification | Controlled under IATA. | |
| Section 15. Regulatory information | | |
| HCS classification | Class: | Not available |
| U. S. federal regulations | Not available | |
| International regulations | Not available | |
| EINECS | Not available | |
| DSCL(EEC) | Not available | |
| International lists | Not available | |
| Continued to next page | | |

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Tung Oil | Page:5/5 |
| Section 16. Other information | |
| Label requirements | |
| Hazardous material Information system (U. S. A.) <div data-bbox="667 376 1348 409" style="text-align: right;"><u>Not available</u></div> | |
| References | |
| Other special consideratio | |
| Validated by Henan Jinhe Industry Co.,Ltd Address:No. 73 Beisanhuan Road,Zhengzhou City,Henan Province, China Tel:0086-371-86107223 | |
| | |
| <u>Notice to reader</u> To the best of our hnowledge, the information contained herein is accurate .However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information containd herein. Final determination of suitability of any material is the sole responsibility of the user. All material may prsent unknown hazards and should be used with caution. Although certain hazarzs are described herein. We cannot guarantee that these are the only hazards that exist. | |