

Material Safety Data Sheet

1. Identification of the substance/preparation and company

MSDS Name: Vanillyl butyl ether

Company Identification: WuHan XinRu Chemical Industry Co.Ltd.

For emergencies, call: 0086-27-66660488

2. Composition/Information on Ingredients Product Name: Vanillyl

butyl ether CAS # EC no Annex I: 82654-98-6 Formula : C₁₂H₁₈O₃

Molecular Weight: 210,27 g/mol

3. Hazards Identification Not hazardous according to Directive

67/548/EEC. 4 .First Aid Measures If inhaled If breathed in, move

person into fresh air. If not breathing give artificial respiration In

case of skin contact Wash off with soap and plenty of water. In case

of eye contact Flush eyes with water as a precaution. If swallowed

Never give anything by mouth to an unconscious person. Rinse

mouth with water.

5 .Fire Fighting Measures Suitable extinguishing media Use water

spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters Wear self contained

breathing apparatus for fire fighting if necessary.

6 .Accidental Release Measures Personal precautions Avoid

breathing vapors, mist or gas. Environmental precautions Do not let

product enter drains. Methods for cleaning up Keep in suitable, closed containers for disposal.

7. Handling and Storage Handling Normal measures for preventive fire protection. Storage 2 Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in cool place. 8 .Exposure Controls / Personal Protection Personal protective equipment Respiratory protection Respiratory protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Hand protection For prolonged or repeated contact use protective gloves. Eye protection Safety glasses Hygiene measures General industrial hygiene practice.

9 .Physical and Chemical Properties Appearance Form: liquid Safety data pH: no data available Melting point: no data available Boiling point: 239 °C Flash point :> 113,00 °C - closed cup Ignition temperature: no data available Lower explosion limit: no data available Upper explosion limit: no data available Density: 1,0638g/mL at 25 °C Water solubility: no data available

10 .Stability and Reactivity Storage stability Stable under

recommended storage conditions. Materials to avoid Strong oxidizing agents Hazardous decomposition products Hazardous decomposition products formed under fire conditions. - Carbon oxides

11 .Toxicological Information SIGNS AND SYMPTOMS OF EXPOSURE To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

ROUTE OF EXPOSURE Skin Contact: May cause skin irritation. Skin Absorption: May be harmful if absorbed through the skin. Eye Contact: May cause eye irritation. Inhalation: Material may be irritating to mucous membranes and 3 upper respiratory tract. May be harmful if inhaled. Ingestion: May be harmful if swallowed.

12 .Ecological Information Elimination information (persistence and degradability) no data available Ecotoxicity effects no data available Further information on ecology no data available

13. Disposal Considerations SUBSTANCE DISPOSAL Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 .Transport Information RID/ADR Non-hazardous for road

transport. IMDG Non-hazardous for sea transport. IATA Non-hazardous for air transport. 15 . Regulatory Information Labelling according to EC Directives Caution - substance not yet tested completely.

16 . Other Information This information is based on our present state of knowledge. It should not therefore be constructed as guaranteeing specific properties of the products described or their suitability for a particular application.