



# SAFETY DATA SHEET

## VANILLIN

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

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**PRODUCT NAME:** VANILLIN  
**PART No.:** RM281  
**SUPPLIER:** J M Loveridge plc  
Southbrook Road, Southampton  
Hampshire  
SO15 1BH  
Tel: 023 8022 2008  
Fax: 023 8022 2117

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

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**EEC (EINECS) No.** 204-465-2  
**CAS No.:** 121-33-5

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### 3. HAZARDS IDENTIFICATION:

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Not regarded as a health or environmental hazard under current legislation.

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### 4. FIRST AID MEASURES:

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**GENERAL:** IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION  
**INGESTION:** Only when conscious rinse mouth out. Obtain medical attention if adverse symptoms occur.  
**SKIN:** Wash affected area with plenty of soap and water.  
**EYES:** Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

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### 5. FIRE FIGHTING MEASURES:

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**EXTINGUISHING MEDIA:** Water spray, fog or mist, carbon dioxide (CO<sub>2</sub>), alcohol resistant foam, dry chemicals, sand, dolomite etc.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Do not release contaminated water used for extinguishing into drains, soil or surface water.

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<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Finely divided material can cause dust explosion.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Burning may release oxides of carbon and other hazardous gases or vapours.
<b>PROTECTIVE MEASURES IN FIRE:</b>	Fire fighters should wear self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES:

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<b>PRECAUTIONS TO PROTECT ENVIRONMENT:</b>	Prevent contamination of soil, drains and surface water.
<b>SPILL CLEANUP METHODS:</b>	Avoid dry sweeping or other methods which raise dust. Vacuum or wet-sweep and place into a suitable closable, labelled container for disposal. Wash the area clean with water and detergent, observing environmental requirements.

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## 7. HANDLING AND STORAGE:

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<b>USAGE PRECAUTIONS:</b>	The product should be used in accordance with good industrial safety practice and hygiene principles for handling and storing of chemicals. Avoid contact with skin or eyes.
<b>STORAGE PRECAUTIONS:</b>	Store in a cool, dry, well ventilated place, in securely closed original container.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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<b>RESPIRATORS:</b>	In case of insufficient ventilation, for short periods of work, a suitable approved dust protection to P2 standard is recommended.
<b>PROTECTIVE GLOVES:</b>	Use protective gloves.
<b>EYE PROTECTION:</b>	Use eye protection.
<b>HYGIENIC WORK PRACTICES:</b>	SKIN PROTECTION - apply barrier cream to hands and exposed skin.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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<b>APPEARANCE:</b>	White or slightly yellow crystalline needles or powder.	
<b>COLOUR:</b>	Aromatic, of vanilla.	
<b>MELT/FREEZ. POINT (°C, interval):</b>	mp. 81- 83°C	
<b>SOLUBILITY DESCRIPTION:</b>	Slightly soluble in water.	
<b>FLASH POINT (°C):</b>	172°C	<b>Method:</b>

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## 10. STABILITY AND REACTIVITY:

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<b>STABILITY:</b>	Stable under normal conditions of use.
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**MATERIALS TO AVOID:** Oxidising agents. Strong bases. Strong alkalies. Strong acids.

**HAZARDOUS DECOMP. PRODUCTS:** Thermal decomposition or burning may release oxides of carbon or other hazardous gases, acrid smoke and irritating fumes.

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## 11. TOXICOLOGICAL INFORMATION:

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**HEALTH WARNINGS:** No specific short or long term health effects anticipated.

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## 12. ECOLOGICAL INFORMATION:

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**ECOLOGICAL INFORMATION:** No specific data or information available regarding environmental impact.

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## 13. DISPOSAL CONSIDERATIONS:

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**DISPOSAL METHODS:** Disposal should be in accordance with the principles of Duty of Care observing local and national regulations.

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## 14. TRANSPORT INFORMATION:

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**GENERAL:** Not classified as hazardous for transport.

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## 15. REGULATORY INFORMATION:

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**UK REGULATORY REFERENCES:** This product is not classed as dangerous substance under the classification, packaging and labelling of dangerous substances regulations.

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## 16. OTHER INFORMATION:

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**INFORMATION SOURCES:** This product has been classified in accordance with CHIP3 regulations.

**REVISION COMMENTS:** Edition 01; Revised item(s):

**ISSUED BY:** MK

**SDS No.:** 523

**DATE:** 12/07/02

**DISCLAIMER:** The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their

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purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.