

Otto Chemie Pvt Ltd

An ISO 9001 : 2015 & GMP Certified Company
Office : No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)
Tel : + 91 98200 41841 Email : info@ottokemi.com Web : www.ottokemi.com

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Product identifiers

Product Name : Xylan, from corn cob
Product Code : X 1207
CAS No: 9014-63-5

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet
Company identification
OTTO CHEMIE PVT LTD
No 603, 6th Floor, Tardeo AC Market, 87, Tardeo Road,
Tardeo, Mumbai, Maharashtra 400034, India (BHARAT)

1.4. Emergency telephone number
Phone no. : + 91 98200 41841 (10 : 00 am – 06 : 00 pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008

2.2 Label elements

Pictograms or hazard symbols	None
Signal word	No signal word
Hazard statements	None
Precautionary statements	None

2.3 Other hazards

Results of PBT and vPvB assessment	
PBT:	Not applicable
vPvB:	Not applicable

SECTION 3: Composition/information on ingredients

3.1 Substances

Components	: Xylan from Corn Core
Percent: CAS RN	: 9014-63-5
EC-No	: 232-760-6
Chemical Formula	: ----

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders: A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical, foam, water spray, carbon dioxide.

5.2 Special hazards arising from the

substance or mixture

Carbon monoxide, carbon dioxide etc

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5.3 Advice for firefighters Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep people away from and upwind of spill/leak. Entry of non-involved personnel should be controlled around the leakage area by roping off, etc

6.2 Environmental precautions Prevent product from entering drains

6.3 Methods and materials for

containment and cleaning up

Sweep dust to collect it into an airtight container, taking care not to disperse it. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

6.4 Reference to other sections For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent dispersion of dust. Wash hands and face thoroughly after handling. Use a local exhaust if dust or aerosol will be generated. Avoid contact with skin, eyes and clothing.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool and dark place. Store away from incompatible materials such as oxidizing agents.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters No data available

8.2 Exposure controls Install a closed system or local exhaust as possible so that workers should not be exposed directly.

Also install safety shower and eye bath.

Respiratory protection: Dust respirator. Follow local and national regulations.

Hand protection: Protective gloves.

Eye protection: Safety glasses. A face-shield, if the situation requires.

Skin and body protection: Protective clothing. Protective boots, if the situation requires.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state (20°C):	Solid
Form: Crystal -	Powder
Colour:	White - Yellow
Odour:	No data available
pH:	No data available
Melting point/freezing point:	No data available
Boiling point/range:	No data available
Flash point:	No data available (Calculated value: >60°C)
Flammability or explosive limits:	
Lower:	No data available
Upper:	No data available
Relative density:	No data available
Solubility(ies):	
[Water]	No data available
[Other solvents]	No data available
Partition coefficient:	No data available
n-octanol/water:	
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Dynamic Viscosity:	No data available
Kinematic viscosity:	No data available

9.2 Other safety information

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SECTION 10: Stability and reactivity

- 10.1 Reactivity No data available
- 10.2 Chemical stability Stable under proper conditions.
- 10.3 Possibility of hazardous reactions No special reactivity has been reported.
- 10.4 Conditions to avoid No data available
- 10.5 Incompatible materials Oxidizing agents
- 10.6 Hazardous decomposition products Carbon monoxide, carbon dioxide etc

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
 - Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Toxicity to Animals:
Oral LD50 Rat: 1500 mg/kg; Dermal LD50 Rabbit: 2000mg/kg
Inhalation LC50 Rat: > 50mg/L.
 - Chronic Effects on Humans: CARCINOGENIC EFFECTS: Classified None. by NTP, None. by OSHA, None. by NIOSH.
 - Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of inhalation (lung irritant).
 - Special Remarks on Toxicity to Animals: Not available.
 - Special Remarks on Chronic Effects on Humans: Not available.
 - Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12: Ecological information

- 12.1 Toxicity
 - Fish: No data available
 - Crustacea: No data available
 - Algae: No data available
- 12.2 Persistence and degradability No data available
- 12.3 Bioaccumulative potential No data available
- 12.4 Mobility in soil
 - Log Pow: No data available
 - Soil adsorption (Koc): No data available
 - Henry's Law (PaM 3/mol): No data available
- 12.5 Results of PBT and vPvB assessment
 - PBT: Not applicable
 - vPvB: Not applicable
- 12.6 Other adverse effects No data available

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
 - Recycle to process, if possible. Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

SECTION 14: Transport information

- | | |
|-----------------------------------|--|
| 14.1 UN number | Not listed |
| 14.2 UN proper shipping name | |
| ADR/RID | Not listed |
| IMDG/IMO | Not listed |
| ICAO/IATA | Not listed |
| 14.3 Transport hazard class(es) | |
| ADR/RID | Does not correspond to the classification standard of the United Nations |
| IMDG/IMO | Does not correspond to the classification standard of the United Nations |
| ICAO/IATA | Does not correspond to the classification standard of the United Nations |
| 14.4 Packaging group | |
| ADR/RID | - |
| IMDG/IMO | - |
| ICAO/IATA | - |
| 14.5 Environmental hazards | |
| Marine pollutant | - |
| 14.6 Special precautions for user | No data available |
- This substance is not regulated by IATA/ICAO/ARD/RID/IMO/IMDG and is considered to be Non Hazardous for transport by

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Air/Rail/Road/Sea

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

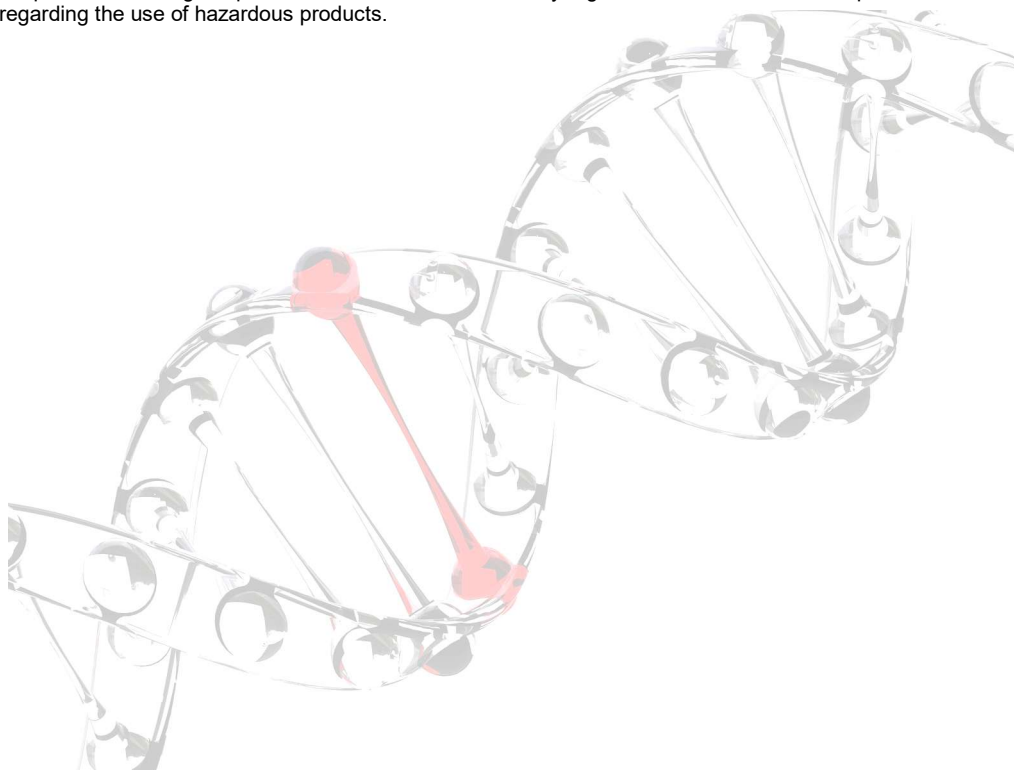
Substance of Very High Concern (SVHC) according to the
REACH Regulations (EC) No.1907/2006

Not listed

15.2 Chemical safety assessment A chemical safety assessment has not been carried out.

Section 16: Other Information

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products.



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