



MATERIAL SAFETY DATA SHEET

NATUROWAX

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NATUROWAX (Sugarcane wax)

SYNONYMS: Cerosin, Sweet Wax

CONTACT PERSON:

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CREATION DATE: Mar 02 2007

REVISION DATE: Jan 13 2016

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to NOHSC criteria
 Not classified as a dangerous good by the criteria of the ADG code

3. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Characterization : SUGARCANE WAX

| Ingredient | Formula | CAS Number | Concentration |
|--------------------|---------|---------------|---------------|
| LIPIDS | | Not Available | >60% |
| ALIPHATIC ALCOHOLS | | Not Available | <10% |

| | | | |
|---------------------|--|---------------|----------|
| ALIPHATIC ETHERS | | Not Available | 10 - 30% |
| FATTY ACID | | Not Available | <10% |
| ALKYL KETONES | | Not Available | <10% |

4. FIRST AID MEASURES

Eye Flush gently with running water. Seek medical attention if irritation develops.

Inhalation If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

Skin Gently flush affected areas with water. Seek medical attention if irritation develops.

Ingestion If swallowed, do not induce vomiting.

Advice To Doctor

Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable. No fire or explosion hazard exists.

Fire and Explosion:

Non-flammable. If product is present in a fire, toxic gases may be evolved. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Hazchem Code: None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt, absorb with sand or similar. Wear splash-proof goggles, PVC/rubber gloves, coveralls and rubber boots. Collect and place in sealable containers for disposal.

7. HANDLING AND STORAGE

Handling

Use safe work practices to avoid eye or skin contact and inhalation. Observe good personal hygiene. Prohibit eating, drinking and smoking in contaminated areas. Wash hands before eating. Remove contaminated clothing and protective equipment before entering eating areas.

Storage

Store in cool, dry, well-ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation

Ensure adequate natural ventilation.

Exposure Standards

An exposure standard (ES-TWA, ES-STEL, WES) has not been allocated to the ingredients contained in this product.

PPE

Wear PVC or rubber gloves and splash-proof goggles. When using large quantities or where heavy contamination is likely, wear coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|--------------------------------------|
| Physical state: | Solid |
| Color: | Dark brown to pale yellow waxy solid |
| Odour: | NA |
| pH: | Not Available |
| Vapour Pressure: | Not Available |
| Vapour Density: | Not Available |
| Boiling Point: | Not Available |
| Melting Point: | 79 °C |

| | |
|----------------------------------|---------------|
| Evaporation Rate: | Not Available |
| Solubility (water): | Insoluble |
| Specific Gravity: | NA |
| % Volatiles: | Not Available |
| Flammability: | Non Flammable |
| Flash Point: | Not Relevant |
| Upper Explosion Limit: | Not Available |
| Lower Explosion Limit: | Not Relevant |
| Autoignition Temperature: | Not Available |

10. STABILITY AND REACTIVITY

Reactivity

Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).

Decomposition Products

May evolve toxic gases if heated to decomposition

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary

Low to moderate toxicity. Use safe work practices to avoid eye or skin contact and vapour inhalation. Due to product form (ie. viscous liquid/paste) the potential for an inhalation hazard is reduced.

Eye Low to moderate irritant. Exposure may result in irritation, pain and redness.

Inhalation Low irritant. Over exposure may result in mucous membrane irritation of the nose and throat with coughing.

Skin Low irritant. Prolonged and repeated contact may result in irritation, skin rash and dermatitis.

Ingestion Low to moderate toxicity. With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation.

12. ECOLOGICAL INFORMATION

Environment

Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment

13. DISPOSAL CONSIDERATIONS

Waste Disposal

Reuse where possible. Alternatively, absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.

Legislation

Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Transport Not classified as a Dangerous Good according to the Indian Code for the transport of Dangerous Goods by Road and Rail.

UN Number None Allocated

DG Class None Allocated

Subsidiary Risk(s) None Allocated

Packing Group None Allocated

Hazchem Code None Allocated

15. REGULATORY INFORMATION

Poison Schedule

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

16. OTHER INFORMATION

The information in this safety data sheet is based on data and samples provided. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the

most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes.

The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. Godavari Biorefineries Limited does not guarantee the accuracy or exhaustiveness of the information provided.