

# MATERIAL SAFETY DATA SHEET

Name of Product : **RAYON TYRE YARN**

Date : 02-05-2014

International Standard 11014-1

## 1. **Product and Company information :**

- (s) Product name (as on label) : Rayon Tyre Yarn
- (a) Product code : NIL
- Supplier :
  - (s) Name : CENTURY RAYON
  - (s) Address : P.O. Box-22, Murbad Rd. Shahad, 421 103.
  - (s) Telephone number : 0091251 - 2733670 (10 lines)
  - (a) Emergency telephone number : 0091251 - 2733670
  - (a) E-Mail : orc@cenrayon.com

## 2. **Hazards Identification :**

- (i) Most important hazards
  - (a) Adverse human health effects : NIL
  - (a) Environmental effects : NIL
  - (a) Physical and chemical hazards : NIL
- (i) Specific hazards : NIL
- (a) Main symptoms : Not Applicable
- (a) Classification of preparation : Not Applicable
- (a) "Emergency Overview" : NIL

## 3. **Composition / Information on Ingredients :**

- (s) Substance of preparation : Wood Pulp

For a substance :

- (s) Common chemical name or generic name : CELLULOSE
- (a) Synonyms : NIL
- (a) Chemical Abstract Service Registry Number (CAS number) : Not Available
- (i) Ingredients contributing to the hazard : NIL

For a Preparation :

- (i) Chemical nature : Regenerated Cellulosic Fibre
  - (i) Components contributing to the hazard : NIL
  - (a) Impurities contributing to the hazard giving for each component or impurity
    - (i) Chemical or generic name : Not Applicable
    - (i) Concentration or concentration range : Not Applicable
    - (i) Classification and hazard labelling : Not Applicable
- Classification system used

# MATERIAL SAFETY DATA SHEET

Name of Product : **RAYON TYRE YARN**

Page No. : 2 OF 4

International Standard 11014-1

## 4. **First-Aid Measures :**

(s) Information subdivided into sub-headings :

(a) Inhalation : NIL

(a) Skin contact : NIL

(a) Eye contact : NIL

(a) Ingestion : NOT TO BE INGESTED

(a) brief description of the most important symptoms and effects : NIL

(a) protection of first-aiders : NIL

(a) notes to a physician : Not Applicable

## 5. **Fire - Fighting Measures :**

Not inflammable, but combustible like cotton.

Extinguishing Media :

(i) Suitable : CO<sub>2</sub>, Water

(a) NOT suitable : CTC

(a) Specific hazards : Grey smoke during burning. Residue forms Ash (black mass).

(a) Specific methods : NIL

(a) Protection of fire-fighters : NOT SPECIFIC

## 6. **Accidental Release Measures :** Not Applicable, as product is in stable form.

(i) Personal precautions : NIL

(i) Environmental precautions : NIL

(s) Methods for cleaning up

(a) Recovery : Not Applicable

(a) Neutralisation : Not Applicable

(a) Disposal : Not Applicable

(a) Prevention of secondary hazards : Not Applicable

## 7. **Handling And Storage :**

(i) Handling : Product is packed in palletised or box form for ease of mechanical handling by fork lift.

(i) Technical Measures

(a) Prevention of user exposure : Not reqd. as not hazardous

(a) Prevention of fire and explosion : Not reqd. as product is neither inflammable nor explosive

(i) Precautions : Preferably enclosed warehouse with normal measures for safety of goods.

(i) Safe handling advice : Fork Lift / Pallet Truck / Manual

(i) Storage : Ambient, Safe enclosed space.

(i) Technical measures

Storage conditions

(i) Suitable : Dry enclosed storage space

(a) To be avoided : High Humidity Area, Water Leakages, Sunlight.

(i) Incompatible products

Packaging Materials

(i) Recommended : Polyethelene covers & corrugated paper.

(a) NOT suitable : Rough Surface Material.

## MATERIAL SAFETY DATA SHEET

Name of Product : **RAYON TYRE YARN**

Page No. : 3 OF 4

International Standard 11014-1

|   |                     |
|---|---------------------|
| <b>8. Exposure Controls / Personal Protection :</b> | <b>NOT REQUIRED</b> |
| (a) Engineering measures                            | : Not Applicable    |
| (a) Control parameters :                            |                     |
| (a) Limit values                                    | : Not Applicable    |
| (a) Biological standards                            | : Not Applicable    |
| (a) Recommended monitoring procedures               | : Not Applicable    |
| (i) Personal protective equipment :                 |                     |
| (a) Respiratory protection                          | : Not Applicable    |
| (a) Hand protection                                 | : Not Applicable    |
| (a) Eye protection                                  | : Not Applicable    |
| (a) Skin and body protection                        | : Not Applicable    |
| (a) Hygiene measures                                | : Not Applicable    |

|   |   |
|---|---|
| <b>9. Physical And Chemical Properties :</b>          |   |
| (s) Physical state                                    | : SOLID   |
| (a) Form  | : FIBRE (Continuous Spun Filament Yarn)               |
| (s) Colour  | : Natural Off White (Violet tinted in case of 2200 D) |
| (s) Odour   | : Odourless   |
| (i) pH  | : 10% Soln. 7.0 to 9.0                                |
| (i) Point or range of boiling / melting / sublimation | : Does not boil / melt / sublime                      |
| (a) Decomposition temperature                         | : Decomposes to Carbon at @ 190°C                     |
| (i) Flashpoint  | : Not Known   |
| (a) Autoignition temperature                          | : Does not ignite on its own.                         |
| (i) Explosion properties                              | : Non Explosive                                       |
| (a) Vapour pressure                                   | : Not Relavent  |
| (a) Vapour density                                    | : Not Relavent  |
| (i) Density   | : 1.52  |
| (i) Solubility  | : Soluble in Formic Acid                              |
| (a) Octanol / water partition co-efficient            | : Not Relavent  |
| (a) Other relevant data                               | : NIL   |

|                                       |  |
|---------------------------------------|--|
| <b>10. Stability And Reactivity :</b> |  |
| (i) Stability                         | : Highly Stable                        |
| (i) Hazardous reactions               | : NIL                                  |
| (a) Conditions to avoid               | : Moist                                |
| (a) Material to avoid                 | : Fire                                 |
| (i) Hazardous decomposition products  | : Decomposes to carbon at about 190°C. |

|  |                  |
|--|------------------|
| <b>11. Toxicological Information :</b>     | <b>NON TOXIC</b> |
| (i) Acute Toxicity                         | : Not Applicable |
| (i) Local effects                          | : Not Applicable |
| (a) Sensitization                          | : Not Applicable |
| (a) Chronic toxicity or long term toxicity | : Not Applicable |
| (a) Specific effects                       | : Not Applicable |

# MATERIAL SAFETY DATA SHEET

Name of Product : **RAYON TYRE YARN**

Page No. : 4 OF 4

International Standard 11014-1

## 12. **Ecological Information :**

(i) Possible environmental effects, behaviour and fate

- |                                 |                  |
|---------------------------------|------------------|
| (a) Mobility                    | : Not Applicable |
| (a) Persistence / degradability | : BIODEGRADABLE  |
| (a) Bioaccumulation             | : Not Applicable |
| (a) Ecotoxicity                 | : Non Toxic      |

Ecological limit values : Not Applicable

## 13. **Disposal Considerations :**

- |                            |  |
|----------------------------|--|
| (i) Waste from residues    | : Dispose as biodegradable solid waste |
| (i) Contaminated Packaging | : Dispose as biodegradable solid waste |

## 14. **Transport Information :**

- |   |                          |
|---|--------------------------|
| (i) International regulations                 | : No Specific Regulation |
| (a) Land (RID / ADR)                          | : Not Restricted         |
| (a) Inland Waterways                          | : Not Restricted         |
| (a) Sea (IMDG)                                | : Not Restricted         |
| (a) Marine Pollutant                          | : No                     |
| (a) Air (IATA)                                | : Not Restricted         |
| (a) UN classification number                  | : Not Known              |
| (a) Additional transport regulations          | : Nil                    |
| (a) Specific precautionary transport measures | : Nil                    |

## 15. **Regulatory Information :**

- |   |                  |
|---|------------------|
| (a) Regulations specifically applicable to the chemical product | : Not Restricted |
| (a) Hazard and safety information written on the product label. | : Nil            |

16. **Other Information :** : Nil

## 17. **Revised by:**

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