

MSDS for cellulose Fibers & powders

Safety precautions:

Material: Dried Cellulose.

Section 1- product description & Company information.

- a- Product description: Fibers & powders of Cellulose.
- b- Company name: Cairo Company for cellulose products & its derivatives.
- c- Company address: Industrial zone Abu Zaabal near factory 18.
- d- Prepared by: Technical department of the company.
- e- Contacts: Fax 00202-22792894 tel: 002-01111555266
- f- Preparation date: 29/December/2010

Section 2- Material composition:

- a- Wood pulp 99% - 100%
- b- Cotton linter 97% 100%
- c- Material description: either (fiber) or (powder): Cutting of dried cellulose white color.

Section 3- Risk detection:

- a- Respiration: dust cause some problem in case of increase its percent.
- b- Adsorption to skin : not effect
- c- Eye effect : increase dust cause eye redness.
- d- Exposure limit: = 15 mg OSHA /PEL
- e- Total dust : ACGIH/TLV = 5mg

Section 4- First aid :

- a- Respiration: Transfer the patient to fresh air and using artificial pure Oxygen.
- b- Adsorption to skin: negative effect to skin contact.
- c- Eye effect : wash eyes with fresh water and using safety glass.
- d- Additional information: This product is not toxic because its created from natural materials.

Section 5- flammable Characters:

- a- Cellulose will be ignite if its direct contact with fire, using fire extinguturs(water- CO2- chemical & foam extinguturs)to stop fire.
- b- Flash point : Un detected.
- c- Self-ignition : 400 - 500°c
- d- Ignition upper limit: UN detected.
- e- Ignition lowerlimit:UN detected.
- f- Additional information: Use PPE against fire.

Section 6- Dust exposure: suitable PPE (mask& safety glass).

Section 7- Handling & Storing :

- a- Use suitable tools to discharge the containers.
- b- Store in dray cold places fare from fire sources.

Section 8- personal protection from exposures and Person Protective Equipment's.

- Safety glasses
- Dust mask
- **Worming:** Avoid eye lenses in the dust environment.

Note's important:

Fresh water source should be closer the work aria.

Section 9- Chemical and physical properties:

- a- Shape: paper shape in form of sheets or roles.
- b- Color and Oder: white odorless.
- c- Specific weight (water = 1): = 1.58
- d- Water soluble : not soluble in water.
- e- Molecular formula : $(C_6H_{10}O_5)_n$
- f- Molecular weight: non detected.
- g- Stability : Stable in normal condition.
- h- Dangerous decomposition elements: Carbon.
- i- Polymerization: not happened.

N.B: the end user of this material is response for the safety of the employees using suitable PPE for them , also response for the material itself as storing in suitable stores far from fire sources and use fire preventive tools.