1. Product and company identification

Trade Name

Acetate Tow

Celanese Acetate LLC
3520 Virginia Ave
Narrows, VA 24124

Grupo Celanese S. de R. L de C.V. Ocotlan
Km 78.5 Carr. Guadalajara - La Barca
Cuitzeo, Mpio. De Pontitlan
Jalisco, Mexico 45965
523-9292-59179

Transportation emergency phone numbers:
In USA, call 800 424 9300
Outside USA, call 703 527 3887, collect calls accepted.

Synonyms:
Filter tow

Identified uses
Tobacco product filtration

2. Hazard Identification

GHS Classification

Hazards Category
Not classified Not applicable

Label elements
No Pictogram Required.

Signal Word
Not applicable

Hazard Statements
This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29CFR 1910.1200)

Precautionary statements
Handle in accordance with good industrial hygiene and safety practice

3. Composition/information on ingredients

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3. Composition/information on ingredients
Remarks
Acetate tow is an article as defined in 29 CFR 1910.1200 consisting of a family of fiber products made from cellulose acetate polymer (CAS# 9004-35-7) and a surface finish applied at a nominal level of 1%.

The polymer immobilizes the constituents of the polymer system (delusterants, catalysts residues, colorants, etc.) and, therefore, presents no likelihood of exposure under normal conditions of processing and handling.

4. First aid measures

General Information
No hazards which require special first aid measures.

Inhalation
Move to fresh air.

5. Fire-fighting measures

NFPA: Health: 0 Flammability: 0 Instability: 0

Suitable extinguishing media
Foam, Water spray, Use CO2 or dry chemical for small fires

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases
Under conditions giving incomplete combustion, hazardous gases produced may consist of
Carbon monoxide
Carbon dioxide (CO2)

Special protective equipment for fire-fighters
Wear self-contained breathing apparatus and protective suit.

Environmental precautions
Dike and collect water used to fight fire.

6. Accidental release measures

Personal precautions
No special handling advice required.

Environmental precautions
No special environmental precautions required.

Methods for cleaning up
Sweep up and shovel into suitable containers for disposal.

7. Handling and storage

Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice.
Protection - fire and explosion:
Keep away from heat and sources of ignition.

Technical measures/Storage conditions
No special storage conditions required.

Incompatible products
None known

8. Exposure controls / personal protection

OSHA Exposure Limits
No exposure limits established.

ACGIH Exposure Limits
No exposure limits established.

Mexico National Exposure Limits
No exposure limits established

Exposure controls

Engineering measures
Provide adequate ventilation.

Protective equipment
No special precautions are needed in handling this material

Eye/face protection:
safety glasses with side-shields.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Form</td>
<td>filament</td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
</tr>
<tr>
<td>Odor</td>
<td>mild acetone residual</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>237°C (460°F)</td>
</tr>
<tr>
<td>Density</td>
<td>1.14 g/ml @ 20°C</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Acids alkalis many solvents</td>
</tr>
</tbody>
</table>
10. Stability and reactivity

Chemical stability
Stable under normal conditions of handling, use and transportation.

Conditions to avoid
Keep away from heat, sparks and flame

Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

11. Toxicological information

Potential health effects

Routes of exposure
Skin, Eyes

Immediate effects

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Essentially non-irritating.</td>
</tr>
<tr>
<td>Eyes</td>
<td>Resin particles, like other inert materials, are mechanically irritating to eyes</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No adverse health effects have been observed.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Essentially non-toxic.</td>
</tr>
</tbody>
</table>

12. Ecological Information

There is no indication that this product causes adverse impact on environment.

13. Disposal considerations

Disposal considerations
Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

14. Transport information

US Department of Transportation Not regulated
14. Transport information

TDG  Not regulated
Mexico Transport Information  Not regulated
ICAO/IATA  Not restricted
IMDG  Not regulated

15. Regulatory Information

US State Regulations
Chemicals associated with the product which are subject to the state right-to-know regulations are listed along with the applicable state(s):
none

U.S. FEDERAL REGULATIONS

Environmental Regulations:

SARA 311:
- Acute health: No
- Chronic health: No
- Fire: No
- Sudden release of pressure: No
- Reactive: No

INTERNATIONAL REGULATIONS

International Inventories
Listed on the chemical inventories of the following countries or qualifies for an exemption:
Australia (AICS)
Canada (DSL)
China (IECSC)
Europe (EINECS)
Japan (ENCS)
Japan (ISHL)
Korea (KECI)
New Zealand (NZIoC)
Philippines (PICCS)
United States (TSCA)

CANADIAN REGULATIONS

WHMIS Classification: Not a WHMIS controlled product.
16. Other information

NFPA: Health: 0 Flammability: 0 Instability: 0

Prepared By
Product Stewardship Department
Celanese

Sources of key data used to compile the datasheet
The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available.

This information is based on our present state of knowledge. It shall describe our products regarding safety requirements and shall not be construed as a guarantee or statement of condition and/or quality.

Abbreviation and Acronym:
ADR = Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG = International Maritime Code for Dangerous Goods
IATA = International Air Transport Association
ICAO = International Civil Aviation Organization
CLP = Classification, Labelling and Packaging
DNEL = Derived No Effect Level
PNEC = Predicted No Effect Concentration