



## Cellulose diacetate

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 06/30/2015

supersedes: 09/22/2014

MKT MSDS201506PCA-US

## SECTION 1: Identification of the substance /mixture and of the company/undertaking

### Product Identifier

**Product form:** Substance

**Substance name:** Cellulose diacetate

**CAS No.:** 9004-35-7

**Formula:** (C<sub>10</sub>H<sub>14</sub>O<sub>7,4</sub>)<sub>n</sub>

**Synonyms:** NCO, LVI, TX

### Intended Use Of The Product

**Use of the substance:** Chemical product for textile use

### Name, Address, And Telephone Of The Responsible Party

Sichuan Push Acetati Co., Ltd.

Song jiaba Industrial Area

### Emergency telephone number

**Emergency number:** +86-532-83889090, 18990972120

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call it- Day or Night

## SECTION 2: Hazards identification

### Potential Health Effects:

**Routes of entry for solids:** Not available

**Routes of entry for gases:** N/A

**Eye and skin contact with dust:** Not available

**Dust inhalation:** Not available

**Dust ingestion:** Not available

## SECTION 3: Composition/information on ingredients

### Chemical characterization

**Description:** Mixture of substances listed below with additions.

Components Number	Additional identification	Approximate(%) by Wt.Or Vol.	Classification	Workplace Exposure Limit	
				OSHA PEL (mg/m3)	ACGIH TLV(mg/m3)
Cellulose Acetate	CAS-No.: 9004-35-7 EC No.: 618-380-7	100%	-	Not available	Not available

## SECTION 4: First aid measures

Persons using these products should consult a physician or other medical professional if an accident involving these products in injury.

Specific first-aid measures are as follows:

**Eye Contact:** Wash out any material that contacts the eye immediately with water.

**Skin Contact:** No special precautionary measures necessary. Generally not irritant to skin.

**Inhalation:** No special precautionary measures necessary. If symptomatic move to fresh air. Get medical attention if symptoms persist.

**Ingestion:** Get medical attention if symptoms persist.

## SECTION 5: Firefighting measures

**Extinguishing Media:** Water spray, dry chemical, carbon dioxide.

**Special Fire Fighting Procedures:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus with a positive pressure.

**Unusual Fire and Explosion Hazards:** Avoid inhaling fumes. Toxic fumes: presence of carbon monoxide.

**Explosion Sensitivity to Mechanical Impact:** Not available.

**Explosion Sensitivity to Static Discharge:** Not available.

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## SECTION 6: Accidental release measures

**Release Response:** None specific recommended.

**Measures for environmental protection:** Mechanically sweep or scoop up waste material and remove to another recipient, avoiding dust generation and accumulation.

## SECTION 7: Handling and storage

### Handling:

#### Information for safe handling:

No special precautionary measures should be needed under anticipated conditions of use. Avoid inhalation of dust (provide ventilation adequate to maintain dust concentration below 10 mg/m<sup>3</sup>). Avoid build up of static electricity by use of ground conductor.

#### Information about fire- and explosion protection:

Keep locked up. Keep container dry. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray.

### Storage:

#### Requirements to be met by storerooms and receptacles:

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store in accordance with good industrial practices.

#### Information about storage in one common storage facility:

Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not expose to air.

**Further information about storage condition:** Not available.

## SECTION 8: Exposure controls/personal protection

**Engineering Controls: Exposure:** TLV (dust): 10 mg/m<sup>3</sup>.

### Personal Protective Equipment:

#### Protection of Hands:

Wear appropriate protective gloves to minimize contact with skin.

**Protection of Eyes:** Safety glasses and dust mask/respirator are recommended if levels of airborne concentrations are high.

**Protection of Respiratory Tract:** Approved dust respirator with P2 filter must be worn if engineering controls do not maintain airborne concentrations below recommended limits.

**Protection of Body:** Work dresses.

**General protective and hygienic measures:** Not available.

**Material of Gloves:** None specific recommended

## SECTION 9: Physical and chemical properties

General Information	
<b>Form:</b>	Grain
<b>Color:</b>	White
<b>Odor:</b>	Odorless
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	230 – 250 °C
<b>Decomposition Temperature:</b>	Not available
<b>Flash point:</b>	Not available
<b>Self-igniting:</b>	Not available
<b>Danger of explosion:</b>	Not available
<b>Vapour pressure:</b>	Not available
<b>Partition coefficient (n-octanol / water):</b>	Not available
<b>Density:</b>	0.3 – 0.6 Kg/l
<b>Relative density:</b>	1.28 – 1.32 g/cm <sup>3</sup> (Water=1)
<b>Specific gravity:</b>	
<b>Vapor density:</b>	Not available

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<b>Evaporation rate:</b>	Not available
<b>Solubility in/Miscibility with Water:</b>	Not soluble
<b>PH-Value:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Dynamic:</b>	Not available

## SECTION 10: Stability and reactivity

**Chemical Stability:** Stable under normal conditions.

**Dangerous Decomposition Products:** Powdered material may form explosive dust-air mixtures. Combustion may produce carbon dioxide and acetic acid fumes.

**Hazardous Polymerizations:** Will not occur.

**Conditions to Avoid:** Can react with strong oxidizing agents.

## SECTION 11: Toxicological information

### Potential Health Effects:

**Acute Effect:** No evidence of adverse from available information.

**Chronic Effects:** No evidence of adverse from available information.

**Sensitization:** Not available.

**LD50:** LD50 > 5000mg/kg.bw (Acute Oral Toxicity of Rat), actual non-toxic.

## SECTION 12: Ecological information

### Ecotoxicological effects:

**Effect of material on plants or animals:** No toxic to plants or animals.

**Effect of material on plants or aquatic life:** No toxic to aquatic organisms.

## SECTION 13: Disposal considerations

**Waste Disposal Methods:** Recycle if possible. Discharge, treatment or disposal may be subject to national, state or local laws.

Contact specialist agencies.

**Recommendation Disposal must be made according to official regulations.**

## SECTION 14: Transport information

These products are not hazardous as defined by EU related Regulation and Directive.

**Proper shipping name:** Not available.

**Hazard class number and description:** Not available.

**Packing Group:** Not available.

**UN Identification:** Not available.

**Marine Pollutant:** Not available.

**Attentions:** Not available.

## SECTION 15: Regulatory information

**Inventory of Existing Chemical Substances in China:** All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

**TSCA (US Toxic Substances Control Act):** This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

**MITI (Japanese Handbook of Existing and New Chemical Substances):** This product is listed in the Handbook or has been approved in Japan by new substance notification.

**ECL (Korean Toxic Substances Control Act):** This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.

**DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act):** This product is listed on the DSL. Any impurities present in this product are exempt from listing.

**AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme):** This product is listed on AICS or otherwise complies with NICNAS.

## SECTION 16: Other information

**Indication of changes:** 06/30/2015

**Other information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.