

Report No: MKT MSDS201506PCA-EN

Date:06/30/2015

**SECTION 1:****Product details****.Trade name/ Synonyms:** TAC,TWS,TLT-I-HV,TLT-M,TLT-X,TLT-S**.Application of the substance:** Chemical product for plastic use..**.Manufacturer/Supplier:** Sichuan Push Acetati Co., Ltd.**.Tel:** +86-831-4633099**.Fax:** +86-831-4633107**.Further information obtainable from:****.Information in case of emergency:****.Tel:** +86-532-83889090 18990972120**.Fax:** +86-831-4633107**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 Triacetate	CAS-No.: 9012-09-3	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>	290 – 310 °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>	
<b>Relative density:</b>	0.3 – 0.6 Kg/l
<b>Specific gravity:</b>	1.28 – 1.32 g/cm <sup>3</sup> (Water=1)
	Not available

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<b>Vapor density:</b>	Not available
<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.

**.PICCS(Philippine Inventory of Chemicals and Chemical Substances):** This product is listed on the PICCS.

### SECTION 16: Other information

**This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific**

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product features and shall not establish a legally valid contractual relationship.

.Emergency Telephone Number:

.Department issuing MSDS: