

**Product: CHINESE LACQUER**

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**1. Identification**

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**Product identifier:** CHINESE LACQUER

**Recommended use of the chemical:** For high gloss finish

**Identification Code:** 19710

**Supplier's name:** Acrilex Tintas Especiais S.A.

**Address:** Estrada Galvão Bueno, Nº 5000 - Batistini

**Complement:** São Bernardo do Campo - São Paulo

**Supplier's phone number:** (11) 4397-9255

**Emergency phone number:** (11) 4397-9258

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**2. Hazard identification**

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**Classification of the substance or mixture:** Flammable liquids: Category 3 - Acute toxicity – oral: Category 4 - Acute toxicity – inhalation: Category 4 - Skin corrosion/irritation: Category 2 - Eye damage/irritation: Category 2A - Specific target organ toxicity (single exposure): Category 3 - Hazardous to the aquatic environment – short-term (acute) hazard: Category 3

**GHS labelling**

**Signal Word:** Warning

**Hazard Statement:** H226 - Flammable liquid and vapour . H302 - Harmful if swallowed . H332 - Harmful if inhaled . H315 - Causes skin irritation . H319 - Causes serious eye irritation . H336 - May cause drowsiness or dizziness. H402 - Harmful to aquatic life .

**Precautionary statements:**

- **General:** P102 - Keep out of reach of children.
- **Prevention:** P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources . No smoking.
- **Response:** P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- **Storage:** P403 + P235 - Store in a well-ventilated place. Keep cool.
- **Disposal:** P501 - Dispose of contents/container to in a suitable place

**Other hazards which do not result in classification:** May cause headache, nausea, dizziness and mental confusion

**Other information:** Product not suitable for use on skin



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## 3. Composition/Information on ingredients

Product Type: Mixture

Hazardous ingredients or impurities and/or stabilizing additives which contribute to hazard classification:

Chemical identity	CAS N°	Percentages or ranges of percentages
Maleic resin	-	65 - 75
Ethylene glycol monobutyl ether	111-76-2	4 - 6
Xylenes (ortho , meta, para)	1330-20-7	19 - 21

## 4. First-aid measures

### First-aid measures

- **Inhalation:** Remove the victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention
- **Skin contact:** Remove contaminated clothing , wash with water and soap. Seek medical attention
- **Eye contact:** Rinse with plenty of water for 15 minutes, keeping eyelids open. Seek medical attention
- **Ingestion:** Do not induce vomiting. Search for a doctor

**Most important symptoms/effects, acute and delayed:** Harmful if swallowed. Harmful if inhaled. It causes skin irritation. Causes serious eye irritation . May cause drowsiness or dizziness. May cause headache, nausea, dizziness and mental confusion

**Indication of immediate medical attention and special treatment:** Symptomatic treatment

## 5. Fire-fighting measures

**Suitable extinguishing media:** Foam for hydrocarbons, water fog , dry chemical and carbon dioxide (CO2). Cool with fog d water, the containers exposed to fire . Remove the fire area of containers , if this can be done without risk

**Unsuitable extinguishing media:** Direct waterjet

**Specific hazards arising from the chemical:** Vapors may travel to an ignition source and cause kickback flames . Containers may explode in the heat of the fire. There is steam explosion hazard indoors or sewage system. Keep it away from the tanks . Fire can cause the emission of irritating gases or poisonous

**Special protective actions for fire-fighters:** Personal protective equipment . Indoors, use rescue equipment with air supply

## 6. Accidental release measures



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## Personal precautions, protective equipment and emergency procedures

- **For non-emergency personnel:** Personal protective equipment
- **For emergency responders:** Use of SCBA and suitable protective clothing . Indoors, use rescue equipment with air supply

**Environmental precautions:** Shut off leak if possible, do not direct the spilled material to any public drainage systems. Avoid the possibility of contamination of surface water or springs. Restrict spill to the smallest area possible. The drag water must take into account the further treatment of contaminated water. Avoid this drag

**Methods and materials for containment:** Absorb with earth or other absorbent material

**Area isolation:** As an immediate precautionary action , isolate the area within a radius of 50 meters, to say the least , in all directions

**Methods and materials for cleaning up:** Recovery: Collect the product in an emergency container , duly labeled and well closed. Keep the recovered product for subsequent disposal . Disposition : Do not dispose in the trash . Do not dispose in the sewage system or watercourses . Confine if possible , for later recovery or disposal. The final disposal of this material should be accompanied by an expert and in accordance with the environmental regulations

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## 7. Handling and storage

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### Precautions for safe handling

- **Prevention of workers exposure:** Use personal protective equipment
- **Fire and explosion:** Eliminate all sources of ignition , avoid sparks , sparks and flame . Isolate the leak from all sources of ignition. Do not smoke
- **Precautions for safe handling:** Use personal protective equipment indicated . Manipulating respecting the general safety and industrial hygiene
- **Hygiene measures**
  - **Suitable:** Wash your hands before eating , drinking or using the toilet . Contaminated clothing should be changed and washed before reuse
  - **Unsuitable:** Do not eat , drink or smoke while handling the product

### Conditions for safe storage

- **Conditions for safe storage:** Store in properly designed and approved tanks, or metal containers such as drums and cans tightly closed . In well-ventilated place at room temperature , atmospheric pressure , and away from heat , strong oxidizers and ignition sources
- **Conditions to avoid including incompatibilities:** Humid, uncovered , without ventilation and ignition sources . Avoid contact with strong oxidizing agents ( liquid chlorine and concentrated oxygen )
- **Packaging materials**
  - **Suitable:** Metal drums without inner coating varnish
  - **Unsuitable:** Not available

**Other information:** Not available



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## 8. Exposure controls/personal protection

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### Control parameters

- **Occupational exposure limits:** Not available
- **Biological indicators values:** Not available
- **Other limits and values:** Not available

**Appropriate engineering controls:** Maintain adequate ventilation. Keep emergency shower and eyewash next workplaces

### Individual protection measures, such as personal protective equipment

- **Eye/face protection:** Safety goggles for chemicals
- **Skin protection:** PVC gloves and apron
- **Respiratory protection:** At low concentrations, wear respirator with chemical filter for organic vapors. At high concentrations, use breathing apparatus or set of air sent
- **Hands protection:** PVC gloves or other resistant to organic solvents
- **Thermal hazards:** Not available

**Other information:** Not available

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## 9. Physical and chemical properties

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- **Appearance**  
**Physical state:** Liquid; **Form:** Liquid; **Color:** Colorless
- **Odour:** Distinctive
- **Odour threshold:** Not available
- **pH:** Not applicable
- **Melting point/freezing point:** Not available
- **Initial boiling point:** Not available
- **Boiling range:** Not available
- **Flash point:** 45°C (closed cup)
- **Evaporation rate:** Not available
- **Flammability (solid, gas):** Not available
- **Lower flammability or explosive limits:** 3,3%
- **Upper flammability or explosive limits:** 19%
- **Vapour pressure:** Not available
- **Vapour density:** Not available
- **Relative density:** 0,950
- **Solubility(ies):** Soluble solvent Acrilex
- **Partition coefficient: n-octanol/water:** Not available



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- **Auto-ignition temperature:** Not available
- **Decomposition temperature:** Not available
- **Viscosity:** Not available
- **Additional information:** Not available

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## 10. Stability and reactivity

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**Chemical stability:** Stable under normal conditions of storage and handling

**Reactivity:** Not available

**Possibility of hazardous reactions:** No, when the product is stored, handled and processed correctly

**Conditions to avoid:** Exposure to high temperatures for a long time

**Incompatible materials:** Not available

**Hazardous decomposition products:** You can release toxic gases during burning

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## 11. Toxicological information

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**Acute toxicity:** Harmful if swallowed. Harmful if inhaled. ATEmix Oral = 1.984 ; ATEmix Dermal = 41.666.7 ; ATEmix Inhalation = 10.78

**Skin corrosion/irritation:** It causes skin irritation

**Serious eye damage/irritation:** Causes serious eye irritation

**Respiratory or skin sensitization:** The product is not classified according to criteria for this hazard GHS

**Germ cell mutagenicity:** The product is not classified according to criteria for this hazard GHS

**Carcinogenicity:** The product is not classified according to criteria for this hazard GHS

**Reproductive toxicity:** The product is not classified according to criteria for this hazard GHS

**STOT-single exposure:** May cause drowsiness or dizziness

**STOT-repeated exposure:** The product is not classified according to criteria for this hazard GHS

**Aspiration hazard:** The product is not classified according to criteria for this hazard GHS

**Additional information:** May cause headache, nausea, dizziness and mental confusion

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## 12. Ecological information

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**Toxicity:** Harmful to aquatic organisms

**Persistence and degradability:** Not available

**Bio accumulative potential:** Not available

**Mobility in soil:** Moderately volatile

**Other adverse effects:** Their presence in water can transmit undesirable qualities to water, damaging their use. Can contaminate groundwater

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## 13. Disposal considerations

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### Disposal methods

- **Product:** Treatment and disposal of the product must be technically evaluated case by case . Product remains must be disposed of in an authorized facility
- **Used package:** Discard them in authorized installation . Do not reuse packaging

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## 14. Transport information

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### National and international regulations:

#### Land Transport:

- **UN Number:** 1263
- **UN Proper Shipping Name:** TINTA ( incluindo tintas, lacas, esmaltes, tinturas, gomalacas, vernizes, polidores, enchimentos líquidos e bases líquidas para lacas) ou MATERIAL RELACIONADO COM TINTAS ( incluindo diluentes ou redutores para tintas)
- **Class or division:** 3 - Flammable liquids
- **Risk number:** 30
- **UN Packing group:** III
- **Technical name:** Acrylic Resin Solution
- **Environmental hazards:** Yes
- **Terrestrial (Road) Transport Regulation:** ONU - Orange Book

#### Sea Transport:

- **IMDG/GGVSea/ONU:** 1263
- **Transport hazard class(es):** 3
- **UN Packing group:** III
- **Technical name:** Acrylic Resin Solution
- **Marine Pollutant:** Yes
- **Waterway Transport Regulation:** - IMDG Code handbook (International Maritime Dangerous Goods Code) from IMO (International Maritime Organization)

#### Aerial Transport:

- **ICAO/IATA/ONU:** 1263
- **Transport hazard class(es):** 3
- **UN Packing group:** III
- **Technical name:** Acrylic Resin Solution
- **Environmental hazards:** Yes
- **Aerial Transport Regulation:** - IATA handbook (International Air Transportation Association)

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## 15. Regulatory information

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Safety, health and environmental regulations specific for the product:



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Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

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### 16. Other information

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**Other information that does not belong in other sections:**

This Safety Data Sheet (SDS) has been prepared based on current knowledge about chemicals and provides information about protection, safety, health and environment. It is warned that any chemical handling requires prior knowledge of its hazards by the user. The user company is responsible to promote the training of its employees about the potential product risks.

**References:** [ECHA] EUROPEAN CHEMICAL AGENCY. Available in: <http://echa.europa.eu/>  
[HSNO] NEW ZEALAND HSNO Chemical Classification and Information Database (CCID)  
[OSHA] OSHA'S Hazard Communication. Available in: <https://www.osha.gov/dsg/hazcom/>  
[GHS] Globally Harmonized System of Classification and Labelling of Chemicals

**Subtitles and abbreviations:** ACGIH - American Conference of Governmental Industrial  
BCF - Bioconcentration factor  
CAS - Chemical Abstracts Service