

SWING PAINTS LIMITED  
2100 ST PATRICK STREET  
MONTREAL, QC H3K 1B2  
(514) 932-2157

**PRODUCT: BIO DEGLUER**

**CODE: 1824**

## 1. IDENTIFICATION

**PRODUCT IDENTIFIER** CIRCA 1850 BIO DEGLUER

**PRODUCT CODE** 182401, 182404, 182420

**RECOMMENDED USE** ADHESIVE REMOVER

**SUPPLIER** SWING PAINTS LIMITED  
2100 ST PATRICK STREET  
MONTREAL, QC H3K 1B2  
CANADA  
514-932-2157

**EMERGENCY PHONE NO** 514-932-2157 8:00 - 17:00 EST

## 2. HAZARDOUS IDENTIFICATION

### Hazardous Classification of the substance or mixture

|   |             |
|---|-------------|
| Flammable liquids                         | Category 4  |
| Acute toxicity – Oral                     | Category 4  |
| Acute toxicity – Dermal                   | Category 4  |
| Acute toxicity – Inhalation (Dusts/Mists) | Category 4  |
| Skin corrosion/irritation                 | Category 2  |
| Serious eye damage/eye irritation         | Category 2B |

### Hazard pictograms



### Signal Word: Danger

#### Hazard statements

Combustible liquid  
Harmful if swallowed  
Harmful in contact with skin  
Harmful if inhaled  
Causes skin irritation  
Causes eye irritation

#### Precautionary Statements

#### Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

#### Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower  
IF INHALED: Remove person to fresh air and keep comfortable for breathing  
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

**Storage**

Store locked up  
Store in a well-ventilated place.

**Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations

**Other Information**

May be harmful in contact with skin  
May be harmful to aquatic life with long lasting effects

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| CHEMICAL NAME            | CAS #    | WT %  |
|--------------------------|----------|-------|
| Propylene Carbonate      | 108-32-7 | 40-70 |
| Benzyl Alcohol           | 100-51-6 | 30-50 |
| Carboxylic acid, mixture |          | 10-30 |

**4. FIRST-AID MEASURES****Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

**Inhalation**

Remove to fresh air.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**Ingestion**

Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

**Self-protection of the first aider**

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation.

**Most important symptoms and effects, both acute and delayed:**

Prolonged or repeated contact may cause defatting and drying of the skin. May be absorbed through the skin and contribute to the symptoms listed under ingestion. May cause eye damage. Can cause redness, irritation, tearing, pain. Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing. Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. May cause irritation, redness, pain and tissue injury. Large doses may cause sore throat, coughing, labored respiration, dizziness, dullness, abdominal pain, vomiting, central nervous system depression, convulsions, and death due to respiratory failure. May be absorbed into the bloodstream with symptoms similar to ingestion.

**Indication of any immediate medical attention and special treatment needed:****Note to physicians**

Treatment based on sound judgment of physician and individual reactions of patient.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use DRY chemicals, CO2, alcohol foam or water spray.

**Special hazards arising from the substance or mixture**

Isolate and restrict area access. Stop leak only if safe to do so. Move containers from fire area if you can do it without risk. Fight fire from a safe distance and from a protected location. Use flooding quantities of water for fire and water spray or fog for vapors. Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. This material may produce a floating fire hazard in extreme fire conditions. This product can produce flammable vapors which may travel to a source of ignition and flash back.

**Hazardous combustion products**

Carbon monoxide. Carbon dioxide. Smoke

#### Special protective equipment for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

#### Environmental precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

#### Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal. Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep away from heat, sparks and flame. Launder contaminated clothing prior to reuse. Protect from freezing. Do not cut, drill, grind, weld or perform similar operations on or near containers. Empty containers may contain hazardous product residues. Handle and open containers with care. Protect against physical damage. DO NOT reuse empty containers with out commercial cleaning or reconditioning.

#### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, away from heat and ignition sources. Place away from incompatible materials. Do not reuse containers. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### **Control parameters**

Exposure limits are listed below, if they exist.

| CHEMICAL NAME                   | EXPOSURE LIMIT ACGIH |
|---------------------------------|----------------------|
| Propylene Carbonate<br>108-32-7 | Not Available        |
| Benzyl Alcohol<br>100-51-6      | Not Available        |
| Carboxylic acid, mixture        | Not Available        |

Consult local authorities for recommended exposure limits.

#### Appropriate engineering controls

##### **Engineering controls**

Use process enclosure, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. Use explosion proof equipment.

#### Individual protection measures

##### **Eye/face protection**

Chemical safety glasses with side shields or splash proof goggles.

##### **Hand protection**

Appropriate chemical resistant gloves should be worn. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials as well as the instructions/specifications provided by the glove supplier. If prolonged or repeated contact is likely, chemical-resistant gloves are recommended. If contact with forearms is likely, wear gauntlet-style gloves. The breakthrough time of the selected glove(s) must be greater than the intended use period.

##### **Skin and body protection**

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

##### **Respiratory protection**

If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties****Appearance**

|                                       |                     |
|---------------------------------------|---------------------|
| <b>Physical state</b>                 | Liquid              |
| <b>Colour</b>                         | Clear               |
| <b>Odour</b>                          | Mild characteristic |
| <b>Odour threshold</b>                | No data available   |
| <b>pH</b>                             | No data available   |
| <b>Melting point / freezing point</b> | No data available   |
| <b>Boiling point</b>                  | No data available   |
| <b>Flash point</b>                    | No data available   |
| <b>Evaporation rate</b>               | No data available   |
| <b>Flammability (solid, gas)</b>      | No data available   |
| <b>Flammability Limit in Air</b>      |                     |
| <b>Upper flammability limit</b>       | No data available   |
| <b>Lower flammability limit</b>       | No data available   |
| <b>Vapor pressure</b>                 | No data available   |
| <b>Relative vapor density</b>         | No data available   |
| <b>Specific gravity</b>               | 1.1                 |
| <b>Water solubility</b>               | No data available   |
| <b>Solubility in other solvents</b>   | No data available   |
| <b>Partition coefficient</b>          | No data available   |
| <b>Autoignition temperature</b>       | No data available   |
| <b>Decomposition temperature</b>      | No data available   |
| <b>Explosive properties</b>           | No data available   |
| <b>Oxidizing properties</b>           | No data available   |

**10. STABILITY AND REACTIVITY****Reactivity/Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

No additional remark.

**Hazardous polymerization**

Will not occur.

**Conditions to avoid**

Avoid excessive heat, open flames and all ignition sources.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

Carbon monoxide. Toxic fumes. Smoke.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Inhalation**

Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing. Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. May be absorbed into the bloodstream with symptoms similar to ingestion.

**Eye contact**

May cause eye damage. Can cause redness, irritation, tearing, pain.

**Skin contact**

Prolonged or repeated contact may cause defatting and drying of the skin. May be absorbed through the skin and contribute to the symptoms listed under ingestion. May cause irritation, redness, pain and tissue injury.

**Ingestion**

Large doses may cause sore throat, coughing, labored respiration, dizziness, dullness, abdominal pain, vomiting, central nervous system depression, convulsions, and death due to respiratory failure.

**Information on toxicological effects****Symptoms**

Rats exposed orally to 800 mg/kg benzyl alcohol for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No Observed Adverse Effect Level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.

**Numerical measures of toxicity**

| CHEMICAL NAME                   | ORAL LD50         | DERMAL LD50          | INHALATION LC50    |
|---------------------------------|-------------------|----------------------|--------------------|
| Propylene Carbonate<br>108-32-7 | 29000 mg/kg (Rat) | >3000 mg/kg (Rabbit) | Not available      |
| Benzyl Alcohol<br>100-51-6      | 1230 mg/kg (Rat)  | 2000 mg/kg (Rabbit)  | 8.8 mg/L (Rat) 4 h |
| Carboxylic acid, mixture        | Not available     | Not available        | Not available      |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation**

Prolonged or repeated contact may cause defatting and drying of the skin. May be absorbed through the skin and contribute to the symptoms listed under ingestion. May cause irritation, redness, pain and tissue injury.

**Serious eye damage/eye irritation**

May cause eye damage. Can cause redness, irritation, tearing, pain.

**Respiratory or skin sensitization**

No information available.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

| INGREDIENTS                     | ACGIH         | IARC          | NTP           | OSHA          |
|---------------------------------|---------------|---------------|---------------|---------------|
| Propylene Carbonate<br>108-32-7 | Not available | Not available | Not available | Not available |
| Benzyl Alcohol<br>100-51-6      | Not available | Not available | Not available | Not available |
| Carboxylic acid, mixture        | Not available | Not available | Not available | Not available |

**Reproductive Toxicity**

No information available.

**Specific target organ systemic toxicity - single exposure**

No information available.

**Specific target organ systemic toxicity - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| CHEMICAL NAME                   | Ecotoxicity – Freshwater Algae (EC50)      | Ecotoxicity - Fish Species (LC50)                | Toxicity - Microorganisms | Ecotoxicity - Crustacea (EC50)   |
|---------------------------------|--|--|---------------------------|----------------------------------|
| Propylene Carbonate<br>108-32-7 | 500 mg/L, 72h<br>(Desmodesmus subspicatus) | 1000 mg/L, 96h, semi-static<br>(Cyprinus carpio) | Not available             | 500 mg/L, 48h<br>(Daphnia magna) |
| Benzyl Alcohol<br>100-51-6      | Not available                              | 10 mg/L, 96h, static<br>(Lepomis macrochirus)    | Not available             | 23 mg/L, 48h<br>(water flea)     |
| Carboxylic acid, mixture        | Not available                              | Not available                                    | Not available             | Not available                    |

**Persistence and degradability**

No information available.

**Biodegradability**

No information available.

**Other adverse effects:**

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. Do not reuse empty containers.

**14. TRANSPORT INFORMATION**

**TDG (Canada):**

**UN Number** Not applicable  
**Shipping name** Not regulated  
**Class** Not applicable  
**Packing Group** Not applicable  
**Marine pollutant** No

**DOT (U.S.)**

**UN Number** Not applicable  
**Shipping name** Not regulated  
**Class** Not applicable  
**Packing Group** Not applicable  
**Marine pollutant** No

**15. REGULATORY INFORMATION**

**Canadian Domestic Substances List (DSL)**

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

**16. OTHER INFORMATION**

PREPARED BY..... Regulatory Affairs  
 PREPARATION DATE..... June 1, 2018

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End of Safety Data Sheet