

**SAFETY DATA SHEET**

Date Prepared : 06/22/2016

**1. PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT DESCRIPTION:** S|æ Ú[ ~ | Activator

**MANUFACTURER**

Y[ ~ } \* Á æ Á Q &

FFI J Á Á æ Á Ü È

Q æ @ ä È Ö Ö Á G € F

**Emergency Contact:** Q Ö U V Ü Ö Ö

**Emergency Phone:** 800-Í H Í È È Í H Á V Ö Ü P Ö V Ö P Ö S Á Ö Ö Š Š Á Ö Š Š Ö Ö V Á È Í G È H Í € €

**2. HAZARDS IDENTIFICATION**

**GHS CLASSIFICATIONS**

**Health:**

Target Organ Toxicity (Single exposure), Category 3  
 Serious Eye Damage/Eye Irritation, Category 2A  
 Acute Toxicity (Oral), Category 4

**Physical:**

Flammable Liquids, Category 2

**GHS LABEL ELEMENTS**



Exclamation mark



Flame

**SIGNAL WORD:** DANGER

**HAZARD STATEMENTS**

H225: Highly flammable liquid and vapour.  
 H302: Harmful if swallowed.  
 H319: Causes serious eye irritation.  
 H336: May cause drowsiness or dizziness.

**PRECAUTIONARY STATEMENT(S)**

**Prevention:**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233: Keep container tightly closed.  
 P240: Ground and bond container and receiving equipment.  
 P242: Use non-sparking tools.  
 P243: Take action to prevent static discharges.  
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264: Wash skin and hands thoroughly after handling.

**young**  **nails**  
**SAFETY DATA SHEET**

Date Prepared : 06/22/2016

P270: Do not eat, drink, or smoke when using this product.  
 P271: Use only outdoors or in a well-ventilated area.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P330: Rinse mouth.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P370+P378: In case of fire: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment for extinction.

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.  
 P403+P235: Store in a well-ventilated place. Keep cool.  
 P405: Store locked up.

**Disposal:**

P501: Dispose of in a manner consistent with federal, state, and local regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

| Chemical Name            | Wt.%      | CAS      |
|--------------------------|-----------|----------|
| Ethyl Acetate            | 85 - 100  | 141-78-6 |
| Methyl propyl ketone     | < 1       | 107-87-9 |
| Methyl-Isobutyl Ketone   | < 1       | 108-10-1 |
| N,N-DIMETHYL-P-TOLUIDINE | < 0 - 0.1 | 99-97-8  |

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, seek medical advice immediately and show this container or label.

**INHALATION:** Remove to fresh air. Get medical attention if breathing is difficult.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**ACUTE EFFECTS:** Vapors may be irritating to eyes, throat and mucous membranes; ingestion may cause headache, drowsiness and possible unconsciousness.

**5. FIRE FIGHTING MEASURES**

**GENERAL HAZARD:** Highly flammable. Irritant.

**EXTINGUISHING MEDIA:** Use dry chemical, foam or carbon dioxide.

**EXPLOSION HAZARDS:** Vapors can travel to a source of ignition and flash back.

**SAFETY DATA SHEET**

Date Prepared : 06/22/2016

**FIRE FIGHTING PROCEDURES:** Avoid using large quantities of water.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide or carbon dioxide.

**6. ACCIDENTAL RELEASE MEASURES**

**LARGE SPILL:** Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on adsorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

**ENVIRONMENTAL PRECAUTIONS**

**WATER SPILL:** This product is readily biodegradable. Do not release into surface waters.

**7. HANDLING AND STORAGE**

**GENERAL PROCEDURES:** Avoid breathing of vapors. Use only in well ventilated areas. When handling, do not eat, drink or smoke.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**EXPOSURE GUIDELINES**

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) |             |                   |                   |                   |                   |
|---|-------------|-------------------|-------------------|-------------------|-------------------|
|   |             | EXPOSURE LIMITS   |                   |                   |                   |
|   |             | OSHA PEL          |                   | ACGIH TLV         |                   |
| Chemical Name                               |             | ppm               | mg/m <sup>3</sup> | ppm               | mg/m <sup>3</sup> |
| Ethyl Acetate                               | <b>TWA</b>  | 400               | 1400              | 400               | 1440              |
| N,N-DIMETHYL-P-TOLUIDINE                    | <b>TWA</b>  | 0.50 ppm          | No data available | No data available | No data available |
|   | <b>STEL</b> | No data available | No data available | No data available | No data available |

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Avoid contact with eyes.

**SKIN:** Wear suitable gloves.

**RESPIRATORY:** Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment. Recommended: Full-face NIOSH-approved respirator with organic vapor cartridge.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** Liquid

**ODOR:** Strong fruity odor.

**ODOR THRESHOLD:** No data available

**SAFETY DATA SHEET**

Date Prepared : 06/22/2016

**APPEARANCE:** Clear, Colorless liquid  
**COLOR:** Clear to pale yellow  
**pH:** No data available  
**PERCENT VOLATILE:** No data available  
**FLASHPOINT AND METHOD:** 1.11°C (30°F) TCC  
**FLAMMABLE LIMITS:** 2 to 11.4  
**AUTOIGNITION TEMPERATURE:** 427°C (800.6°F)  
**VAPOR PRESSURE:** 73 mmHg at 20°C (68°F)  
**VAPOR DENSITY:** No data available  
**BOILING POINT:** 77°C (170°F) to 78°C (172°F)  
**FREEZING POINT:** No data available  
**MELTING POINT:** Not Established  
**THERMAL DECOMPOSITION:** No data available  
**SOLUBILITY IN WATER:** Slightly soluble.  
**EVAPORATION RATE:** 4.5 (n-Butyl Acetate=1)  
**SPECIFIC GRAVITY:** 0.9 (water=1)  
**VISCOSITY #1:** < 5 Centipoise  
**(VOC):** 900.000 g/L

**10. STABILITY AND REACTIVITY**

**HAZARDOUS POLYMERIZATION:** No  
**CONDITIONS TO AVOID:** Heat, sparks and flame.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, dioxide.  
**INCOMPATIBLE MATERIALS:** Strong oxidizing agents, acids and bases.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE**

| Chemical Name            | ORAL LD <sub>50</sub><br>(rat) | DERMAL LD <sub>50</sub><br>(rabbit) | INHALATION<br>LC <sub>50</sub> (rat)            |
|--------------------------|--------------------------------|-------------------------------------|---|
| Ethyl Acetate            | 5620 mg/kg<br>(rat)            | 180000 mg/kg<br>(rabbit)            | 45000 mg/m <sup>3</sup><br>per 2 hrs<br>(mouse) |
| Methyl propyl ketone     | 1600 mg/kg                     | > 20 mg/kg<br>(guinea pig)          |   |
| Methyl-Isobutyl Ketone   | 2080 mg/kg                     | > 10 mg/kg                          |   |
| N,N-DIMETHYL-P-TOLUIDINE | > 1650 mg/kg<br>(rat)          | > 2000 mg/kg<br>(rat)               | 1.4 mg/L per 4<br>hr (rat)                      |

**EYE EFFECTS:** Irritating to eyes.

**SAFETY DATA SHEET**

Date Prepared : 06/22/2016

**SKIN EFFECTS:** Irritating to skin.

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** This product is readily biodegradable. Do not release into surface waters.

**AQUATIC TOXICITY (ACUTE)**

**96-HOUR LC<sub>50</sub>:** > 220 mg/L (Golden orfe)

**48-HOUR EC<sub>50</sub>:** > 500 mg/L (Daphnia)

**96-HOUR EC<sub>50</sub>:** > 360 mg/L (green algae)

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Dispose of in accordance with Local, State, and Federal regulations.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Limited Quantity

**ROAD AND RAIL (ADR/RID)**

**PROPER SHIPPING NAME:** Limited Quantity

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Limited Quantity

**UN/NA NUMBER:** 1173

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

**NOTE:** Consumer Commodity, ID 8000, 9, label Package Orientation (Arrows Up). Max per unit 25 KG.G.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Limited Quantity

**UN/NA NUMBER:** 1173

**PRIMARY HAZARD CLASS/DIVISION:** 3

**PACKING GROUP:** II

**15. REGULATORY INFORMATION**

**UNITED STATES**

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

| Chemical Name          | Wt.%     | CERCLA RQ  |
|------------------------|----------|------------|
| Ethyl Acetate          | 85 - 100 | 5,000 lbs. |
| Methyl-Isobutyl Ketone | < 1      | 5,000      |

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**SAFETY DATA SHEET**

Date Prepared : 06/22/2016

| Chemical Name          | CAS      |
|------------------------|----------|
| Ethyl Acetate          | 141-78-6 |
| Methyl propyl ketone   | 107-87-9 |
| Methyl-Isobutyl Ketone | 108-10-1 |

**TSCA STATUS:** All ingredients in this mixture are in compliance with TSCA.

**CALIFORNIA PROPOSITION 65:** WARNING: This product contains a chemical known to the state of California to cause cancer (Dimethyl-p-toluidine, CAS 99-97-8).

| Chemical Name            | Wt.%      | Listed |
|--------------------------|-----------|--------|
| N,N-DIMETHYL-P-TOLUIDINE | < 0 - 0.1 | Cancer |

**16. OTHER INFORMATION**

**APPROVED BY:** Regulatory Department

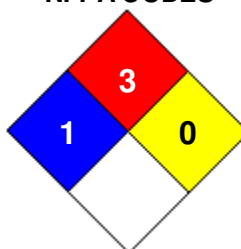
**PREPARED BY:** Regulatory Department

**Date Prepared:** 06/22/2016

**HMIS RATING**

|                            |                          |          |
|----------------------------|--------------------------|----------|
| <b>HEALTH</b>              | <input type="checkbox"/> | <b>1</b> |
| <b>FLAMMABILITY</b>        | <input type="checkbox"/> | <b>3</b> |
| <b>PHYSICAL HAZARD</b>     | <input type="checkbox"/> | <b>0</b> |
| <b>PERSONAL PROTECTION</b> | <input type="checkbox"/> |          |

**NFPA CODES**



**MANUFACTURER DISCLAIMER:**

To the best of our knowledge, the information contained herein is accurate. However, Young Nails does not assume any liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.