

INLAND DIAMOND PRODUCTS CO. 32051 Howard Street Madison Heights, MI 48071 USA
USA TOLL FREE: 1-800-347-2020 USA 248-585-2330 Canada 800-231-6903
For **Emergency** After Business Hours, Contact: CHEMTREC 1-800-424-9300 or 1-703-527-3887

- I. Product Identification:**
Product Name- Ink Thinner
Identification Number- 18204
Product Use- Lab
NFPA Hazard Ratings: Health- 1, Fire- 3, Reac.- 0
LAST UPDATE 4-16-01
- II. Hazardous Components:**
- | <u>Hazardous Ingredients</u> | <u>CAS or UN number</u> | <u>TLV (mg/m3)</u> | <u>LD50/LC50</u> |
|------------------------------|-------------------------|--------------------|-----------------------------|
| Dimethylcarbinol | 67-63-0 | 400 ppm | 5045mg/kg Rat
LD50 Acute |
- III. Physical Data:**
Appearance and Odor- Clear liquid with mild odor
Boiling Point- 82.2-82.8°C (180-181°F)
Density (g/ml)- For liquids and solids Density = Specific gravity
Evaporation Rate (Butyl Acetate = 1)- 2.3
Melting Point- > -88.9°C (-128°F)
Percent Volatile (v/v)- 100%
pH- 5.0
Specific Gravity (Water = 1)- >1.0
Vapor Density (Air=1)- Not available
Vapor Pressure (mm Hg)- 96mmHg @ 37.7°C (100°F), 230mmHg @ 55°C (131°F)
Odor Threshold- Not available
Physical State- Liquid
Solubility in water- Complete
- IV. Fire and Explosion Data:**
Flammability- (Flashpoint below 37.8°C)- Yes
Flammable Limits: Lower- 2.0% @ 25°C (77°F), Upper- 12.7% @ 25°C (77°F)
Flash Point-- 12.2°C (54°F) **Auto-ignition Temperature-** 350°C (662°F)
Extinguishing Media: Alcohol Foam, Dry Chemical, Water Spray/Fog
Explosion Data- Not available
Special Fire Fighting Procedures- Shut off fuel to fire. Use water to disperse vapors.
- V. Health Hazard Data:**
Primary Routes of entry: Skin, Inhalation
Eye- Irritating to the eyes. Will injure eye tissue if not removed promptly.
Skin- May cause sensitization in some individuals.
Inhalation- May cause mild irritation respiratory tract. Repeated prolonged exposure may cause central nervous effects.
Ingestion- May cause abdominal pain and vomiting. Other effects may include: central nervous depression, rapid heartbeat, low blood pressure and liver damage.
- VI. First Aid Data:**
Eyes- Flush eyes for at least 15 minutes. Consult a physician if irritation persists.
Skin- Wash off with warm soap and water. Consult a physician if irritation persists.
Inhalation- Remove to fresh air if effects occur. Consult a physician if irritation persists.
Ingestion- Do not induce vomiting. Seek medical attention.

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- VII. Corrosivity and Reactivity Data:**
Stability- Stable **Decomposition Products-** None
Conditions To Avoid- Avoid using where contact may occur with flames, sparks or heated coils. **Keep away from:** amines, alkanolamines, aldehydes, strong oxidizing agents, chlorinated compounds and caustics.
- VIII. Chemical Handling:**
Polymerization- No **Leaks or Spills-** Sponge and dilute with water
Handling and Storage- Exercise reasonable care and caution. Keep and store in a cool dry area.
Waste Disposal Method- May be diluted with water and deposited into local water system.
- IX. Personal Protection Information:**
Eye- Use goggles for splash protection. **Respiratory-** None normally required.
Gloves- Chemical resistant if person is sensitive to material.
Footwear- None normally required.
Ventilation- Local
Work, Hygienic, Maintenance Practices and Special Clothing: Exercise reasonable care and caution. Wash before eating, smoking, or going to the bathroom.
- X. Special Precautions or Other Comments:** Avoid using where contact may occur with flames, sparks or heated coils may occur. Flammable liquid, can release vapors that form flammable mixtures at temperatures at or above the flashpoint.
- XI. Toxicological Data:**
Carcinogenicity- Not available **Mutagenicity-** Not available
Teratogenicity- Some relatively mild developmental effects at maternally toxic levels (rats).
Reproductive Effects- Not available **TLV (mg/m3)-** 400ppm
LD50- 5045mg/kg Rat **LC50-** Not available
- XII. Regulatory Information:**
Sara Hazard Category- Immediate health, Delayed health, Fire.
Canadian Right To Know-B.2, D.2B.