

**MSDS - Material Safety Data Sheet****Product Name: Omega-Print Cleaner**

MSDS No.: CNA108/9

**I. Basic Information:****Manufacturer:** SIRCHIE FINGER PRINT LABORATORIES**Address:** 100 HUNTER PLACE**City, ST Zip:** YOUNGSVILLE, NC 27596**Emergency Contact:** Chemtrec**Emergency Telephone Number:** 800-424-9300**Contact:** DON PENVEN**Information Telephone Number:** 919-554-2244**Last Update:** 01-21-2008**Chemical State:**  Liquid  Gas  Solid**Chemical Type:**  Pure  Mixture

2	Health
4	Flammability
1	Reactivity
H	Pers. Protection

**II. Ingredients:** Trade Secret

CAS No.	Chemical Name	% Range	EHS		IARC		SARA		OSHA PEL	ACGIH TLV	Other Limits
			NTP		SUB	Z	313				
75525	Nitromethane	13.5-15							100 ppm	20 ppm	90 F
108883	Toluene	85-86.5					X		100 ppm	100 ppm	45 F

**III. Hazardous Identification:****Hazard Category:** Acute Chronic Fire Pressure Reactive**Hazardous Identification Information:**

May be harmful if inhaled or ingested. Respiratory and digestive tract irritant. Skin and eye irritant. May cause central nervous system depression. May have adverse fetal effects based on animal studies.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

**IV. First Aid Measures:****Route(s) of Entry:**

Inhalation, ingestion, skin, eyes

**Health Hazards (Acute and Chronic):**

Acute: May cause mild to severe pulmonary injury if aspirated into lungs

Chronic: Dermatitis

**Signs and Symptoms:**

Inhalation: Headaches, nausea, diarrhea, vomiting, dizziness, anesthesia, drowsiness, unconsciousness, possible death

Ingestion: Vomiting, nausea, diarrhea, possible death

Skin: Redness, pain

**Medical Conditions Generally Aggravated by Exposure:**

Skin, eye, respiratory, liver, kidney, pulmonary diseases

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### Emergency and First Aid Procedures:

Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen (To be administered by qualified medical personnel only!) Keep victim at rest. Get medical attention.

Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give 2-4 cups of milk or water. (Never give anything by mouth to an unconscious person!) Aspiration hazard. Keep victim at rest. Get medical attention immediately.

Skin: Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing. Seek medical attention.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Do not allow victim to rub or keep eyes closed. Get medical aid immediately.

### Other Health Warnings:

Concentrated, prolonged, or deliberate inhalation of this product may cause brain and nervous system damage.

### V. Fire Fighting Measures:

Flash Point: 45 F

Lower Explosive Limit: 1.4

Upper Explosive Limit: 7.4

### F.P. Method:

Fire Extinguishing Media: Foam, dry chemical

### Special Fire Fighting Procedures:

Wear self-contained breathing apparatus and protective clothing. Water may be used to cool fire-exposed containers. Avoid spraying water directly into containers due to danger of boilover.

### Unusual Fire and Explosion:

Material can accumulate static charges which can cause an incendiary electrical charge. Vapors from this product may travel some distance from original point to an ignition source and flash back. Vapors may be heavier than air. They may spread along the ground and collect in low or confined areas.

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

### VI. Accidental Release Measures:

#### Steps to be Taken in Case Material is Released or Spilled:

Wear vapor respirator, safety goggles, and rubber gloves. Remove sources of ignition (i.e. open flames, sparks). Prevent additional discharge of material, if possible to do so with hazard. Dike if necessary. Soak up with inert absorbent material (sand or earth recommended; do not use flammable substances such as sawdust). Dispose according to local, state, and federal regulations.

### VII. Handling and Storage:

#### Precautions to be Taken:

Keep in closed container. Protect from direct sunlight. Avoid all ignition sources (heat, open flame, spark). Avoid incompatible materials. Electrically bond and ground all containers and equipment before transfer or use of material. Use only in well-ventilated areas. Avoid contact with skin and eyes. Avoid breathing vapors. Wash thoroughly after handling.

#### Other Precautions:

"Empty" containers may contain product residue and may be dangerous. Empty containers should be completely drained and bunged and then disposed of according to local, state, and federal regulations.

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### VIII. Exposure Controls/Personal Protection:

#### Ventilation Requirements:

Use only in well-ventilated areas.

#### Personal Protective Equipment:

Safety goggles, impermeable rubber gloves, vapor respirator, protective clothing

### IX. Physical and Chemical Properties:

**Boiling Point:** ~214 F

**Melting Point:** <-76 F

**Evaporation Rate (Butyl Acetate = 1):** ~2.4

**Vapor Pressure (mm Hg.):** 22

**Specific Gravity (H<sub>2</sub>O = 1):** 0.87000

**Vapor Density (AIR = 1):** 3.20

**Solubility In Water:** 0.05 wt. % @ 77 F

**Appearance and Odor:** Clear liquid; slight odor

#### Other Information:

### X. Stability and Reactivity:

#### Stability:

Stable

#### Incompatibility (Materials to Avoid):

Strong oxidizing agents, acids, halogens, sulfur, amines, alkalis, reducing agents, metal oxides, combustible materials, ignition sources (heat, open flame, spark)

#### Decomposition/By Products:

Carbon monoxide, nitrogen oxides

#### Hazardous Polymerization:

Will not occur.

### XI. Toxicological Information:

May be harmful if inhaled or ingested. May cause central nervous system depression. May have adverse fetal effects based on animal studies.

### XII. Ecological Information:

Prevent from entering sewers or waterways. May be toxic to some aquatic life.

### XIII. Disposal Considerations:

Dispose according to local, state, and federal regulations.

RCRA D-Series Maximum Concentration of Contaminants: waste no. D001

RCRA U-Series: waste no. U226

### XIV. Transport Information:

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IATA

Shipping name: Toluene

Hazard class: 3

UN no.: 1294

Packing group: II

Flammable liquid!

### **XV. Regulatory Information:**

Toluene is listed on the TSCA inventory.

Toluene is listed as a hazardous air pollutant (HAP) under the Clean Air Act.

Toluene is a Hazardous Substance, a Priority Pollutant, and a Toxic Pollutant under the Clean Water Act.

This material is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373.

### **XVI. Other Information:**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. Using this product under normal, properly instructed procedures should not be hazardous.