

# MATERIAL SAFETY DATA SHEET

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By: IMAGE TECHNOLOGY

**Section I** \_\_\_\_\_ **General Information**  
**Product:** **Range:** 0=Minimal **Product Number**  
SCREEN CLEANER 4=Severe SC-7050  
**Chemical Family**  
INK DEGRADENT

HEALTH

1

FIRE

1

REACT

0

**Manufacturer:** **DOT Classification**  
IMAGE TECHNOLOGY COMPOUND CLEANING LIQUID  
1380 N. KNOLLWOOD CIRCLE  
ANAHEIM, CA 92821 COMBUSTIBLE  
(714) 252-0160

**Special:** Observe good industrial hygiene when handling

**Section II** \_\_\_\_\_ **Hazardous Ingredients**

CHEMICAL	CASE Number	Percent By Volume	Exposure Limits In Air	
			ACGIH(TLV)	OSHA(PEL)
Diethylene Glycol Ether	111-90-0	< 30 %	100 ppm	100 ppm
Non Ionic Surfactant	Prop.	< 27 %	N/A ppm	N/A ppm
Propylene Glycol	Prop.	43%	N/A ppm	N/A ppm

**Section III** \_\_\_\_\_ **Health Hazard Data**

## Effects of Overexposure

**Skin:** Contact of this product upon the skin can cause mild irritation and/or defatting of the skin due to the removal of the skins natural oils.

**Eyes:** Contact of this product upon the eyes can cause mild irritation and/or dehydration of the eyes and eyelids.

**Inhalation:** Fumes from this product can cause narcotic effects, nausea, dizziness, double vision, headaches, and vomiting. Other symptoms include possible irritation and defatting of the nose, nasal passages, and lungs.

**Ingestion:** When concentrated solutions of this product are swallowed, it can cause mild irritation and/or defatting of the mouth, esophagus, stomach, and intestinal tract. Other symptoms of ingestion of this product include narcotic effects, nausea, dizziness, double vision, headaches, and vomiting.

## First Aid Procedures

**Skin:** Flush exposed area with lukewarm water for 15 minutes. If defatting occurs, skin lotion is advised. Consult physician immediately.

**Eyes:** Flush eyes with cool water for 30 minutes. Consult physician immediately.

**Inhalation:** Remove patient to clean atmosphere and administer oxygen if it is available. Consult a physician immediately.

**Ingestion:** Induce vomiting. Have patient drink large amounts of milk or water. Consult a physician immediately.

## Carcinogens

FED/OSHA: N NTP: N IARC: N CAL/OSHA: N

**Section IV** \_\_\_\_\_ **Spill, Leak, and Disposal Procedures**

## Spill Control

**Small Spill:** Flush area with water to an industrial sewer line.

**Large Spill:** Contain spill with dikes of absorbent materials such as clay, sand, or vermiculite. This material is not considered Hazardous and may be disposed of as a non-hazardous refuse.

## Waste Disposal

All hazardous materials must be solidified and disposed of in an EPA approved class one facility. When disposing of chemicals, contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

**Section V** \_\_\_\_\_ **Fire and Explosion Hazards**

**Flash Point:** 207F **Method:** Average

**Flammable Limits in Air:** **Lower:** N/E **Upper:** N/E

**Fire Extinguishing Materials:** WATER, FOG, CO2, SAND, DRY CHEMICAL

**Special Fire Fighting Procedures:** Self contained breathing apparatus are recommended for fire fighters. This material readily ignites if near a high temperature source or open flame.

**Unusual Fire & Explosion Hazards:** If this material is exposed to a high heat source or open flame there is the danger of an explosion.

**Note:** Under normal conditions hazardous polymerization will not occur.

**Section VI** \_\_\_\_\_ **Physical Data**

**Boiling Point:** 395F

**Specific Gravity ( water = 1)** 0.91

**Vapor Pressure:** 0.06

**Percentage of Volatiles:** 735 g/l

**Vapor Density:** 5.6

**Evaporation Rate (water = 1):** < .01

**pH (concentrate):** 7

**pH (1% solution):** 7

**Solubility in Water:** COMPLETE

**Appearance and Order:** CLEAR LIQUID WITH MILD ODOR

**Section VII** \_\_\_\_\_ **Special Protection Information**

**Respiratory Protection:** When using this material in confined space, use of personal respiratory protection is recommended.

**Protective Gloves:** To avoid possible defatting of the skin or tissue damage, it is recommended that rubber or plastic gloves be worn.

**Eye Protection:** When handling this product and there is the possibility of splashing, it is recommended that proper protection of the eyes be worn.

**Other Equipment:** When handling chemicals in 55 gallon drums, it is recommended that steel toed rubber boots and a splash apron be worn.

**Section VIII** \_\_\_\_\_ **Special Precautions**

\*Chemicals can be hazardous if not respected. The use of proper equipment and procedures for handling chemicals are not only of benefit for their obvious uses, but can reduce the possibility of serious injury and time loss accidents.

\*Keep this material away from high heat and observe proper house keeping procedures.

\*DO NOT mix chemicals unless instructed by qualified personnel.

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Sources: 1) Dangerous Properties of Industrial Material: Sax, 6th Ed  
2) Hand of Toxic Hazardous Chemicals and Carcinogens: Sittig 2nd Ed  
3) Condensed Chemical Dictionary: Hawley, Tenth Ed  
4) TLV's and Biological Exposure Indices for 1985-86: ACBIH, 2<sup>nd</sup> Print  
5) Director's List of Hazardous Substances: State of Cal., 1st printing  
6) Title 29 CFR parts 1900 to 1910, Revised as of July 1, 1984  
7) Documentation of TLV's and BEI's: ACBIH, 5th Ed  
8) Guidelines for the selection of chemical Protective Clothing: ACBIH, 2nd printing  
9) Emergency Response Guidebook: Department of Transportation, 1984 Ed

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