

# MSDS - Material Safety Data Sheet

National Guards  
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PRODUCT I.D. No.: NG777 Ink Degrader/Degreaser  
(DGR-800C)

Date Prepared: 11/18/02  
By: IMAGE TECHNOLOGY

INFOTRAC:  
(800) 535-5035

## Section I General Information

Product: DEGREASER DGR-800C  
Product Number: DGR-800C

Range: 0=Minimal  
4=Severe

Chemical Family  
DEGREASER

HEALTH  
0

FIRE  
0

REACT  
0

Manufacturer: IMAGE TECHNOLOGY  
1380 N. KNOLLWOOD CIRCLE  
ANAHEIM, CA 92801  
(714) 252-0160

DOT Classification  
COMPOUND CLEANING LIQUID  
NON REGULATED

Special: Observe good industrial hygiene when handling

## Section II Hazardous Ingredients

CHEMICAL: Alkylphenoxypolyethoxyethanol  
CASE Number: 9016-45-9  
Percent By Volume: < 30%  
Exposure Limits In Air:  
ACGIH(TLV): N/E PPM  
OSHA(PEL): N/E PPM

## Section III Health Hazard Data

### Effects of Overexposure

**Skin:** Contact of this product upon the skin can cause slight irritation. There is also possibility of defatting of the skin due to the removal of the skin's natural oils.

**Eyes:** Contact of this product upon the eyes can cause slight irritation of the eyes and eyelids.

**Inhalation:** Fumes from this product are generally considered non-toxic, but can cause slight irritation of the nose, nasal passages, and lungs.

**Ingestion:** When concentrated solutions of this product are swallowed, it can cause slight irritation to the mouth, esophagus, and stomach.

### First Aid Procedures

**Skin:** Flush exposed area with lukewarm water.

**Eyes:** Flush eyes with cool water for 15 minutes. Consult physician if irritation persists.

**Inhalation:** Remove patient to fresh air, consult a physician if irritation persists.

**Ingestion:** Do not induce vomiting. Have patient drink large amounts of milk or water and 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: NONE

Method: Average

Flammable Limits in Air:

Lower: N/E Upper: N/E

Fire Extinguishing Materials: FOAM, WATER FOG, CO2, OR DRY CHEMICAL

Special Fire Fighting Procedures: THIS PRODUCT WILL NOT BURN OR SUPPORT COMBUSTION.  
Hazardous products of Combustion: None.

NFPA health hazard rating = 0

NFPA Class = N/A

Unusual Fire & Explosion Hazards: NONE.

Note: Under normal conditions hazardous polymerization will not occur.

## Section VI Physical Data

Boiling Point: 170 F  
Specific Gravity (water = 1): 0.87  
Vapor Pressure: 0.3  
Percentage of Volatiles: 32g/l Method 24  
Vapor Density: N/A  
Evaporation Rate (water = 1): <0.01  
pH (concentrate): 7  
pH (1% solution): 7  
Solubility in Water: 100% WATER SOLUBLE  
Appearance and Order: CLEAR LIQUID WITHOUT ODOR

## Section VII Special Protection Information

Respiratory Protection: Not required under NORMAL conditions of USE.

Protective Gloves: Gloves should be worn with any industrial chemical.

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: Apron and boots if operation is subject to splashing.

## 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 or 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:
  - 5) ACGIH, 2nd Print
  - 6) Director's List of Hazardous Substances: State of Cal., 1st printing
  - 7) Title 29 CFR parts 1900 to 1910, Revised as of July 1, 1984
  - 8) Documentation of TLV's and BEI's: ACGIH, 5th Ed
  - 9) Guidelines for the selection of chemical Protective Clothing: ACGIH 2nd printing
  - 9) Emergency Response Guidebook: Department of Transportation, 1984 Ed