

# MATERIAL SAFETY DATA SHEET

## SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name <b>Perrone Ink Remover</b>	Product Use: <b>Ink remover</b>	Formula Index: <b>01</b>
Manufacturer's Name Spray Nine Corporation	Emergency Telephone Number 1-800-477-7299 CHEMTREC # 1-800-424-9300	
Address (Number, Street, City, State, and ZIP Code) 251 North Comrie Avenue	Telephone Number For Information 518-762-4591 Fax: 518-762-2566	
Johnstown, NY 12095	Date Prepared June 1, 2006	
	Signature of Preparer (optional) Michael L. Pozefsky	

**HMIS Rating: HEALTH- 1 FLAMMABILITY- 1 REACTIVITY- 0 PERSONAL PROTECTION- D**

**NFPA Rating: HEALTH- 1 FLAMMABILITY- 1 REACTIVITY- 0**

**WHMIS Rating: D2B IRRITANT**

## SECTION II. HAZARDOUS INGREDIENT INFORMATION (Per 29 CFR 1910.1200)

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Coconut oil, diethanolamide	68603-42-9	90-100	Not Est.	Not Est.
Diethanolamine	111-42-2	1-10	2mg/m3	Not Est.

## SECTION III. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Clear amber liquid with slight coconut odor. Causes eye irritation. May cause corneal injury. Prolonged or repeated use may irritate the skin or cause dermatitis. Breathing mist or vapors may cause respiratory irritation, headaches, nausea and drowsiness. May cause nausea, diarrhea and vomiting if swallowed.

### POTENTIAL HEALTH EFFECTS:

**EYE CONTACT:** Causes eye irritation. May cause corneal injury.

**SKIN CONTACT:** Brief contact may cause slight irritation. Prolonged use may cause more severe irritation.

**INHALATION:** Breathing high concentrations of vapors or mist from spraying, heating the material or from exposure in poorly ventilated areas may cause irritation, headache, nausea and drowsiness.

**INGESTION:** May cause abdominal discomfort, nausea, and diarrhea.

**MEDICAL CONDITION AGGRAVATED BY EXPOSURE:** Persons with pre-existing skin disorders or sensitivity may be more susceptible to irritation. May aggravate asthma, emphysema, or other respiratory disorders.

**CHRONIC EFFECTS:** Repeated skin contact may cause a persistent irritation or dermatitis.

## SECTION IV. FIRST AID MEASURES

**EYE CONTACT:** Flush with water for 15 minutes. If contact lenses are worn, remove immediately, as they may contribute to the severity of the injury. Contact physician immediately because of potential effect of free diethanolamine on eye tissue.

**SKIN CONTACT:** Flush skin with water for 15 minutes and then wash with soap and water. Contaminated clothing should be washed before reuse. Contact physician if irritation persists.

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped begin artificial respiration. Get medical attention immediately.

**INGESTION:** Drink several glasses of water. Do not induce vomiting. Contact physician.

**NOTE TO PHYSICIAN:** There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Product is an aspiration hazard if swallowed. If evacuation of the stomach contents is necessary, this should be done by gastric lavage in the presence of endotracheal intubation to avoid aspiration hazard.

**SECTION V. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES:**

FLASH POINT: &gt;300°F

METHOD USED: T.O.C.

Based on the flash point of this product it is not considered a fire hazard under normal conditions of use.

**EXTINGUISHING MEDIA:** Use water spray (fog) or alcohol-type, foam for large fires. Use Carbon dioxide or dry chemicals for small fires.

**FIRE & EXPLOSION HAZARDS:** There are no known fire or explosion hazards associated with this product.

**FIRE FIGHTING INSTRUCTIONS:** Do not spray a solid stream of water or foam on hot burning liquid, as this may cause frothing and increase fire intensity.

**FIRE FIGHTING EQUIPMENT:** Use self-contained breathing apparatus and protective clothing.

**SENSITIVITY TO MECHANICAL IMPACT:** No sensitivity known.

**SENSITIVITY TO STATIC DISCHARGE:** No sensitivity known.

**SECTION VI. ACCIDENTAL RELEASE MEASURES**

**CAUTION - MATERIAL IS SLIPPERY ON WET OR HARD SURFACES!**

**Small Spills:** Recover all material possible for use. Soak up balance with sand, dirt, or other absorbent and place in container for disposal. Wash the contaminated area with water. Avoid direct discharge of the product into natural waterways.

**Large Spills:** In case of a large spill dike area to prevent spreading and contain spill and contact appropriate environmental agency.

**SECTION VII. HANDLING AND STORAGE**

**Handling:** Use in a well-ventilated area. Wash thoroughly after handling. Do not get in eyes, on skin or clothing.

**Storage:** Do not store in presence of strong oxidizing agents. Store at temperatures above 45°F. Keep container closed when not in use. Keep out of reach of children.

**SECTION VIII. PERSONAL PROTECTION / EXPOSURE CONTROLS**

**EYE PROTECTION:** Safety glasses with side shields or monogoggles.

**SKIN PROTECTION:** Protective gloves (PVC - coated), are recommended for prolonged or repeated exposure.

**RESPIRATORY PROTECTION:** Needed only at elevated temperature.

**ENGINEERING CONTROLS:** General (mechanical) room ventilation.

**EXPOSURE GUIDELINE (S):** Eye bath and safety shower should also be available. Use only in a well ventilated area.

**SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Clear amber	<b>PHYSICAL STATE:</b>	Liquid
<b>BOILING POINT:</b>	>149°C (300°F) Decomposes	<b>SOLUBILITY IN WATER AT 20°C:</b>	May initially gel, soluble in all proportions.
<b>EVAPORATION RATE:</b>	<1	<b>SPECIFIC GRAVITY:</b>	~0.98 g/ml
<b>ODOR:</b>	Slight coconut odor	<b>VAPOR PRESSURE:</b>	5 mm Hg@ 280°F (138°C)
<b>pH:</b>	~9.5	<b>%VOLATILE:</b>	~0

**SECTION X. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY:** Diethanolamine may react with oxidizing agents such as hydrogen peroxide and sodium hypochlorite.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of nitrogen.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION XI. TOXICOLOGICAL INFORMATION**

**EYE:** Eye-rbt: 750pg/24H Sever (Diethanolamine)

**SKIN:** Skn-rbt: 500mg/24H Mild (Diethanolamine)

**INHALATION:** TLV: Diethanolamine: 2 mg/m<sup>3</sup> 8 hours TWA, (ACGIH) 1995-96.

**INGESTION:** Oral LD 50: 2700 mg/kg.

**SECTION XII. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** Material totally biodegrades under both aerobic and anaerobic conditions of secondary wastewater treatment systems.

**SECTION XIII. DISPOSAL CONSIDERATIONS**

This product is not known to be regulated by governing agencies for disposal purposes. Dispose of in accordance with federal, state and local regulations.

**SECTION XIV. TRANSPORT INFORMATION (Not meant to be all inclusive)**

This product is considered non-hazardous according to US Department of Transportation standards and therefore, is not regulated for transportation.

**SECTION XV. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulation represented)**

**TSCA STATUS:** All chemical contained in this product are on the TSCA Chemical Substances Inventory.

**CERCLA REPORTABLE QUANTITY:** Diethanolamine (111-42-2) 100 lbs.

**SARA TITLE III:**

**SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES :** None

**SECTION 311/312 HAZARDOUS CATEGORIES :** Acute hazard, delayed hazard

**SECTION 313 TOXIC CHEMICALS :** Diethanolamine (111-42-2)

**RCRA STATUS:** This product is not considered hazardous by RCRA standards.

**CALIFORNIA PROPOSITION 65:** This product contains no substances known to the State of California to cause cancer, birth defects, or other reproductive harm.

**SECTION XVI. OTHER INFORMATION**

**MSDS STATUS:**

**Disclaimer:** The information contained herein is based on data we believe to be reliable as of the date of preparation of this Material Safety Data Sheet. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products may be used. We assume no liability or responsibility for loss or damage resulting from the improper or abnormal use or handling of our products, from incompatible product combinations, from the failure to follow instructions and warnings in the product's label and Material Safety Data Sheet, or from any failure to adhere to recommended practices.