

# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF PRODUCT

**Name:** Bus Seat Graffiti Remover  
**Identity:** Natural-Based Cleanr      **MSDS Number:** 5769      **Date:** 8/3/2004      **Supersedes:** 6/10/2003  
**TOXICITY:** 1      **FIRE:** 2      **REACTIVITY:** 0      **PROTECTION:** C

## SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Name	CAS Number	PEL	TLV	%
d-Limonene	5989-27-5	NE	NE	80-
Ethanolamine	141-43-5	3 ppm	3 ppm	1

## SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 212° F	<b>Specific Gravity:</b> 0.868	<b>Vapor Pressure (mm Hg.):</b> 2	<b>Melting Point:</b> ND
<b>Vapor Density (Air = 1):</b> .012	<b>Evaporation (H2O = 1):</b> 1	<b>Water Solubility:</b> Complete	<b>pH @ 77F:</b> NA
			<b>VOCgm/L:</b> 764

**Appearance and Odor:** Clear light yellow liquid, Citrus odor

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (TCC):</b> 130F	<b>%</b> ND	<b>%</b> ND	<b>Flammable Limits:</b> ND
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**Extinguishing Media:** Water fog, foam, carbon dioxide or dry chemical. Do not use stream of water.

**Special Fire Fighting Procedures:** Combustible. Lighter than water

**Unusual Fire and Explosion:** Water may spread burning liquid

## SECTION V. HEALTH HAZARD DATA

**Route(s) of Entry:** INHALATION? Yes    EYES? Yes    SKIN? No    INGESTION? Yes

### (Acute) Health Hazards:

**Eyes:** May cause irritation on high vapor concentrations.

**Skin:** May cause irritation and dryness on sensitive skin

**Ingestion:** May cause gastric distress, colic, diarrhea

**Inhalation:** May cause irritation of upper respiratory tract

**(Chronic) Health Hazards:** None Known

### Signs and Symptoms of Exposure:

**Eyes:** Stinging, discomfort, pain

**Skin:** Not likely to cause ill-effects

**Ingestion:** Mild to moderate stomach upset

**Inhalation:** Occasional mild irritation effects to nose and throat may occur.

**Medical Conditions Generally Aggravated by Exposure:** Pre-existing contact site disorders.

### Emergency First Aid Procedures:

**Eyes:** Flush eyes with large amounts of water, lifting upper and lower eyelids. If irritation persists, obtain medical attention.

**Skin:** Wash off with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

**Ingestion:** Obtain immediate medical attention.

**Inhalation:** Remove to fresh air. If irritation persists, obtain medical attention.

## SECTION VI. TOXICITY DATA

**Carcinogenicity:** NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

## SECTION VII. REACTIVITY DATA

**Stability:** Stable

Hazardous Polymerization Will Not Occur

**Incompatibility (Materials to Avoid):** Oxidizers

**Hazardous Decomposition Byproducts:** Oxides of carbon & nitrogen

## SECTION VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

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

**Small Spills:** Mop up. Recover as much as possible. Do not dump into sewers, ground or body of water.

**Large Spills:** Dike area and absorb into neutral material or pump up

**Disposal:** Meet Federal, State & Local Requirements

**Handling and Storage:** Store in cool, dry well ventilated area. Keep container tightly closed when not in used.

**Other Precautions:** Keep out of reach of children. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.

## SECTION IX. CONTROL MEASURES LEL: UEL:

**Respiratory Protection:** Not normally indicated when used as directed

**Ventilation:** Normal indoor

**Local Exhaust:** Not normally indicated when used as directed.

**Mechanical (General):** Not normally indicated

**Protective Gloves:** Rubber, vinyl for prolonged exposure

**Eye Protection:** Chemical safety goggles

**Other Protective Clothing or Equipment:** Long pants, sleeves, apron

**Work/Hygienic Practices:** The recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary, depending upon customer applications, specific safe handling procedures should be developed by persons knowledgeable of the intended use conditions and equipment.

## SECTION X. DOT INFORMATION

NOT REGULATED

## SECTION XI. MISCELLANEOUS INFORMATION

**SARA 313:** No

**Notice:** All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA - Not

S - May Be Absorbed Through Intact Skin

ND - No Data Available

Supersedes 6/10/2003