

# MATERIAL SAFETY DATA SHEET

Date Issued: 12/18/2008  
 MSDS No: 11414/11308/12206  
 Date Revised: 10/25/2010  
 Revision No: 5

## Anti Static Gel Screen Cleaner

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Anti Static Gel Screen Cleaner  
**PRODUCT CODE:** 11414, 11308, 12206

#### MANUFACTURER

Norazza, Inc.  
 3938 Broadway  
 Buffalo NY 14227  
**Product Stewardship:** 716-706-1160

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Chem Tel:**  
**USA, Canada, Puerto Rico, US Virgin Islands :**(800) 255-3924  
**Emergency Phone :**(716) 706-1160

North American continent should reference our

International Access Number at Country Code

call originating from IE: +01 or +001-813-248-0585

(Please call collect if necessary) Check local country codes

at <http://www.countrycodes.com/areacodes.callunitedstates.com>

### 2. HAZARDS IDENTIFICATION

#### POTENTIAL HEALTH EFFECTS

**EYES:** Avoid contact with eyes; may cause redness, irritation and conjunctivitis.

**SKIN:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**SKIN ABSORPTION:** Skin absorption can occur.

**INGESTION:** Ingestion may cause nausea and diarrhea.

**INHALATION:** No hazard in normal industrial use.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Contact may cause eye irritation.

**SKIN:** May cause slight irritation.

**SKIN ABSORPTION:** Glycol ether ingredients may be absorbed through skin.

**INGESTION:** Ingestion may result in diarrhea and/or nausea.

**INHALATION:** No observable effects of overexposure.

**ACUTE TOXICITY:** Low hazard for usual industrial or commercial handling.



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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Chemical Name

Includes hazardous materials in non-reportable quantities

**COMMENTS:** There are no hazardous ingredients in reportable amounts as defined by the Federal Hazardous Substance Act and OSHA.

### 4. FIRST AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** None : . . . . ASTM D-56 (Tag C.C.)

**GENERAL HAZARD:** None

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, fumes and oxides of carbon.

**FIRE FIGHTING PROCEDURES:** Evacuate area and fight fire from a safe distance.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

### 6. ACCIDENTAL RELEASE MEASURES



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were full.

**STORAGE:** Store in closed, properly labeled containers.

**STORAGE TEMPERATURE:** Store in a cool place below ( 120 ) F ( 49 ) C.

**STORAGE PRESSURE:** Store at local atmospheric pressure.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles.

**SKIN:** The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Viton, Solvex, Butyl, Buna, Neoprene.

**RESPIRATORY:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**WORK HYGIENIC PRACTICES:** Wash hands before eating and wash before reuse.

**OTHER USE PRECAUTIONS:** Emergency shower and eyewash facility should be in close proximity.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Pleasant

**APPEARANCE:** Clear, Colorless liquid

**COLOR:** Colorless

**pH:** 7 to 8

**PERCENT VOLATILE:** 99.8

**VAPOR PRESSURE:** < 0.01 mmHg@20C (VOC Composite Vapor Pressure)

**BOILING POINT:** 100°C (212°F)



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(VOC): 5.000 g/L

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Heat, flames, ignition sources, and incompatibles.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Hazardous decomposition products include oxides of carbon and nitrogen.

**INCOMPATIBLE MATERIALS:** Metals. Acidic conditions. Oxidizing materials.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE

**EYES:** Moderately to severely irritating

**DERMAL LD<sub>50</sub>:** Slight to very low toxicity.

**SKIN ABSORPTION:** Skin absorption may occur with glycol ethers. No further information available.

**ORAL LD<sub>50</sub>:** 5045 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** Slight to very low toxicity.

**EYE EFFECTS:** May be mildly irritating to eyes.

#### CARCINOGENICITY

**IARC:** NOT listed

**NTP:** NOT listed

**OSHA:** NOT listed

**NEUROTOXICITY:** Not Established

**REPRODUCTIVE EFFECTS:** NOT listed

**TERATOGENIC EFFECTS:** Test results indicate this compound/mixture is not teratogenic.

**MUTAGENICITY:** Not Established



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**DISPOSAL METHOD:** Federal, State, and Local laws governing disposal of materials can differ. Ensure compliance with proper authorities before disposal.

**GENERAL COMMENTS:** Dispose of in a manner consistent with federal, state, and local regulations.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Nonhazardous

**UN/NA NUMBER:** NA

**PACKING GROUP:** NA

#### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Nonhazardous

**HAZARD CLASS:** No classification

#### AIR (ICAO/IATA)

**SHIPPING NAME:** Not restricted

**UN/NA NUMBER:** NA

**PACKING GROUP:** NA

#### VESSEL (IMO/IMDG)

**SHIPPING NAME:** Nonhazardous

**UN/NA NUMBER:** NA

**PACKING GROUP:** NA

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:** Glycol ethers

**TITLE III NOTES:** Not listed as an Extremely Hazardous Substance.

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)



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**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals known to the State of California to cause cancer.

**RCRA STATUS:** Not classifiable

**OSHA HAZARD COMM. RULE:** Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### CANADA

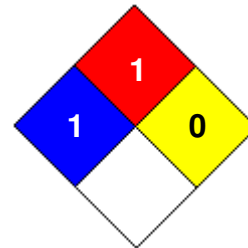
**WHMIS CLASS:** Class D2B - Toxic Materials

### 16. OTHER INFORMATION

**APPROVED BY:** Pierce A. Pillon     **TITLE:** Chemist

**REVISION SUMMARY:** Revision #: 5. This MSDS replaces the October 18, 2010 MSDS.

#### NFPA CODES



**DATA SOURCES:** Code of Federal Regulations (CFR) The Sigma-Aldrich Library of Regulatory and Safety Data OSHA Hazard Communication Standard (29CFR1910.1200) Various Federal, State and Local Regulations

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