

# ADVANCED AEROSOL TECHNOLOGIES, INC

## MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product:** GENERATION 2000® LABEL OFF

**Product Code:** E416

**Company Address:** AATI  
105 Park Avenue  
Seaford Industrial Park  
Seaford, DE 19973

**24 Hour Emergency Telephone:** CHEM-TEL (800) 255-3924

**Phone Number for Information:** (302) 628-2100 Mon - Fri, 8:30 am - 4:30 pm EST

### SECTION 2: COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Component	CAS#	OSHA PEL (TWA)	ACGIH TLV (TWA)	Other Limits Recommended	Percent by Weight
Aliphatic Hydrocarbons	8052-41-3	100 ppm	100 ppm	400 ppm STEL	>90 %
Carbon dioxide	124-38-9	5,000 ppm	5,000 ppm	30,000 ppm STEL	1-5 %

Contains no chemicals subject to the reporting requirement of SARA Section 313.

### SECTION 3: HAZARDS IDENTIFICATION

**Emergency Overview:** Clear colorless liquid with mild petroleum odor. Contents under pressure. Prolonged exposure to sunlight or heat may cause bursting of can. Flammable. Do not use near open flames or other sources of ignition.

**Potential Health Effects:**

**Eye:** Redness and mild irritation

**Skin:** Mild irritation. Prolonged or repeated exposure can cause drying, cracking and skin burns

**Inhalation:** Overexposure can irritate respiratory tract and cause central nervous system depression

**Ingestion:** Swallowing large amounts can cause gastrointestinal irritation and central nervous system depression

**Carcinogenicity:** IARC - No      NTP - No      OSHA - No

### SECTION 4: FIRST AID MEASURES

**First Aid Procedures:**

**If Inhaled:** Move to fresh air. Give oxygen to exposed person, if necessary.

**If Swallowed:** Do NOT induce vomiting as materials may enter lungs and cause damage. Contact physician, hospital or poison control center.

**If In Eyes:** Flush thoroughly with water for at least 15 minutes.

**If On Skin:** Wash affected area with soap and water.

**Note to Physician:** N/A

## SECTION 5: FIRE FIGHTING MEASURES

**Flash Point (°F) & Method:** 140, TCC      **Flammable Limits - Lower:** 0.7 %      **Upper:** 5.0 %

**Extinguishing Media:** Carbon dioxide, dry chemical, foam

**Fire & Explosion Hazards:** Aerosol cans are under pressure - exposure to temperatures above 120°F can cause bursting or "rocketing" of cans. Firefighters should use self-contained respiratory protection in buildings or confined spaces.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide

**Flammability Classification:** (NFPA) Level 3 Aerosol

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**In case of spill or accidental release:** Use absorbent material to soak up liquid. Place used absorbents into closed DOT-approved containers for disposal.

## SECTION 7: HANDLING AND STORAGE

**Precautions for Handling and Storage:** Shake well before using. Keep away from heat, sparks and open flames. Prolonged exposure to direct sunshine or storage above 120°F may cause can to burst. Do not puncture or incinerate can.

## SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

**Respiratory Protection:** Not required when used as directed.

**Ventilation:** General ventilation should be provided.

**Protective Gloves:** PVA or Neoprene gloves may be used.

**Eye Protection:** Safety glasses or goggles are recommended.

**Other Protective Clothing or Equipment:** Not required when used as directed.

**Work & Hygienic Practices:** Wash hands thoroughly after use.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance & Odor:** Clear colorless liquid with mild petroleum odor

**Boiling Point (°F):** > 350

**Vapor Pressure @ 70°F:** 2 mm Hg

**Vapor Density (Air=1):** > 1

**Solubility in Water:** very slight

**% Reportable VOC Content:** 94.0 %

**Specific Gravity (H<sub>2</sub>O=1):** 0.75

**Melting Point (°F):** N/A

**Evaporation Rate (Butyl Acetate =1):** < 1

**pH:** N/A

## SECTION 10: STABILITY AND REACTIVITY

**Stability: (Conditions to Avoid)** Stable. Avoid open flames and high temperatures.

**Incompatibility: (Specific Materials to Avoid)** Strong oxidizers

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide

**Hazardous Polymerization:** Will not occur

## SECTION 11: TOXICOLOGICAL INFORMATION

**Oral:** LD<sub>50</sub> (rat) 3000 mg/kg

**Dermal:** No known hazard due to skin absorption

**Inhalation:** N/A

**Eye Irritation:** Mild

**Skin Irritation:** Mild

## SECTION 12: ECOLOGICAL INFORMATION

No data available. Prevent from entering drains, sewers, streams and other bodies of water.

## SECTION 13: DISPOSAL CONSIDERATIONS

Always use up product according to label directions before disposal.

Offer empty container for recycling where facilities exist. If recycling is not available, wrap empty container in newspaper and discard in trash. **DO NOT PUNCTURE OR INCINERATE CONTAINER.**

## SECTION 14: TRANSPORT INFORMATION

	<b>Domestic</b>	<b>International</b>
Shipping name:	Consumer Commodity	Consumer Commodity
Hazard Class:	ORM-D	2.1
UN number:	none	UN1950
Packing Group:	none	none
Hazard Label:	ORM-D	class 2 - FLAMMABLE

## SECTION 15: REGULATORY INFORMATION

**OSHA:** This product is considered hazardous based on the criteria listed in the Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA:** All chemical components are listed in the TSCA inventory.

**NJ Right to Know:** In addition to the hazardous components listed in section 2, this product contains the following components in a quantity sufficient to require identification:

Nonylphenoxypoly(ethyleneoxy)ethanol (CAS # 9016-45-9)

## SECTION 16: OTHER INFORMATION

**HMIS Ratings:** (0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe)

**Health - 1**

**Flammability - 2**

**Reactivity - 0**

**Last Revision Date:** 3/05/07

**Supersedes Date:** 6/25/96