

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA's Hazard Communication Standard CFR 1910.1200 and OSHA Form 174.

N/A SIGNIFIES NON-APPLICABLE

IDENTITY AND SUPPLIERS INFORMATION

PRODUCT NAME:	ADENA D67 Liquid Dispersion	CHEMICAL FAMILY:	COPOLYMER OF A QUANTERNARY ACRYLATE SALT AND ACRYLAMIDE DISPERSED IN MINERAL OIL	NFPA HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	RATING
PRODUCT NUMBER:	AD105	FORMULA:	PROPRIETARY		
SUPPLIER'S NAME:	GENERAL PRODUCTS & SUPPLY, INC.	PHONE NUMBER:	(724) 327-7200		
SUPPLIER'S ADDRESS:	101 TECHNOLOGY LANE EXPORT, PA 15632	EMERGENCY NO.:	800-255-3924		
PROPER SHIPPING NAME:					
				HEALTH	1
				FLAMMABILITY	1
				REACTIVITY	0
				MAX PERSONAL PROTECTION	-

SECTION 1 - INGREDIENT IDENTIFICATION AND INFORMATION

CHEMICAL NAME	CARC.	CAS NO.	WT %	SARA III	PEL	TWA-TLV	STEL-TLV
ADIPIC ACID	Ne	124-04-9	Ne	Ne	Ne	Ne	Ne
PETROLEUM DISTILLATES	Ne	64742-47-8	Ne	Ne	Ne	Ne	Ne
HYDROTREATED LIGHT NAPHTHENIC DISTILLATE	Ne	64742-53-6	Ne	Ne	Ne	Ne	Ne
NONYLPHENOL SURFACTANT 4.25% by wt	Ne	Confidential Concentration	Ne	Ne	Ne	Ne	Ne
COPOLYMER ACRYLAMIDE: DMAEA Q. (MeCl)	Ne	69418-26-4	Ne	Ne	Ne	Ne	Ne

SECTION 2 - PHYSICAL/CHEMICAL PROPERTIES

SECTION 3 - FIRE/EXPLOSION HAZARD DATA

BOILING POINT: >212°F (>100°C)
VAPOR PRESSURE: (mm Hg) Not evaluated
VAPOR DENSITY: Not evaluated
SOLUBILITY IN WATER: Readily Dispersible
SPECIFIC GRAVITY: 1.06
pH RANGE: Not Applicable
EVAPORATION RATE: (Ether=1) Not Evaluated
PHYSICAL DESCRIPTION: White or off-white liquid. Slight, mild odor.

FLAMMABILITY: (FLAME PROJECTION) N/A AUTO IGNITION TEMP: N/A
FLASH POINT: >200°F
FLAMMABILITY LIMITS: Not Evaluated
EXTINGUISHER MEDIA: Carbon dioxide, dry chemical or foam
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear normal protective equipment. SCBA is recommended for confined areas. Cool exposed drums or tanks with water. Wetted product presents an extreme slip hazard. Pedestrian and vehicular traffic must proceed with caution where even a small amount of wet product may exist.
UNUSUAL FIRE/EXP. HAZARDS: None

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: Strong oxidants such as liquid chlorine, enriched gaseous or liquid oxygen, and sodium or calcium hypochlorite.
CONDITIONS TO AVOID: No special conditions
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or combustion may produce oxides of carbon and nitrogen, various hydrocarbons, ammonia and/or hydrogen chloride vapor. Vapor may be irritating or harmful.

SECTION 5 - HEALTH HAZARD DATA AND FIRST AID

PRIMARY ROUTES OF ENTRY: Eye or Skin contact.

ACUTE EFFECTS:

SKIN: Prolonged or repeated skin contact tends to remove skin oils, possibly leading to dry skin, irritation and/or dermatitis.

EYES: May produce irritation and/or redness.

INHALATION: Vapors may irritate eyes and respiratory tract, and result in headache or dizziness.

INGESTION: NA

FIRST AID PROCEDURES:

SKIN: Remove contaminated clothing and launder before reuse. Wash effected area with soap and water.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

INHALATION: Remove to fresh air. If symptoms persists, consult a physician.

INGESTION: Consult a physician. Never give anything by mouth to an unconscious person.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION: Use NIOSH approved respirator for organic vapor and/or mist, as required to control exposure.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Full sideshield safety glasses or goggles (ANSI Z87.1 standard)

VENTILATION REQUIREMENTS: Recommended general ventilation rate of, as a minimum, 10 air changes per hour.

OTHER PROTECTIVE CLOTHING: Provide eyewash station(s). Select additional protective equipment (eg apron, face shield, etc.), depending on conditions of use.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Remove all ignition sources. Dike area to control runoff, and collect spill in appropriate container(s). Use an inert absorbant such as vermiculite to collect residual liquid. Then water wash area to waste treatment to eliminate slip hazard.

WASTE DISPOSAL METHODS: Any method in accordance with federal, state and local laws.

PRECAUTIONS IN HANDLING AND STORAGE: Avoid storage temperatures below freezing (32°F). Product may stratify.

OTHER PRECAUTIONS: Avoid high temperatures and open systems to minimize vapor release and exposures. Keep containers closed and properly labeled. Do not reuse containers before contents are completely removed, and the container is properly cleaned and reconditioned. Good personal hygiene practices can reduce potential exposure. Wash with soap and water following any contact with this product, as well as before breaks and meals. Shower and change clothing at end of work shift. If clothing becomes contaminated, remove and launder or dry-clean before reuse.