

SAFETY DATA SHEET

For Chemical Emergency Spill, Leak, Fire Exposure or Accident
Call INFOTRAC Day or Night
North America: 800-535-5053

Section 1– Product And Company Information

Supplier's Name: Armchem International Corp
Supplier's Address: 3563 NW 53rd Ct. Ft. Lauderdale FL 33309, Phone 954-735-0029
Product Name : A-100 Degreaser
Product Number: CP-300

DOT Proper Shipping/ Hazard Name (49 CFR 172.101): NR
DOT ID # (49 CFR 172.101): NR
DOT Hazard Class (49 CFR 172.101): NR

FLAMMABILITY (Red): NFPA: ND HMIS: 0
HEALTH (Blue): NFPA: ND HMIS: 1
REACTIVITY (Yellow): NFPA: ND HMIS: 0
Personal Protection (HMIS)= D

Section 2 – Health Hazard Identification

Primary Route of Exposure: Skin, eyes and inhalation.

Effects of Acute Overexposure:

Skin: Contact can cause mild irritation, burns, and defatting of skin.
Eyes: Can cause severe irritation, burns, redness, tearing and blurred vision.
Breathing: Excessive inhalation of vapors can cause nasal and respiratory irritation.
Swallowing: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Effects of Chronic Overexposure: None known

Section 3– Components

Component	CAS#	%	ACGIH(TLV-TWA)	OSHA (TWA)
2-Butoxyethanol	111-76-2	—	25 ppm	50 ppm
Ethoxylated Nonyl Phenol	9016-45-9	—	NE	NE
Sodium Metasilicate	683-49-20	—	NE	2 mg/m3

Section 4 - First Aid Measures

If On Skin: Thoroughly wash exposed area with soap and water remove contaminated clothing. Launder before reuse. If necessary, neutralize area with lemon juice. Get medical attention.

If In Eyes: Flush with water for 15 minutes, lifting upper and lower lids occasionally. Seek medical attention immediately.

If Breathed: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. Keep person warm and quiet. Get medical attention.

If Swallowed: Do not induce vomiting. Give water or lemon juice to drink. Keep person warm, quiet and seek immediate medical attention.

Section 5 – Fire Fighting Measures

Flash Point: None

Flammable Limits in Air: Upper: NAP Lower: NAP

Extinguishing Media: Regular foam, carbon dioxide, dry chemical, for surrounding fire.

Hazardous Decomposition Products: May form Carbon Oxides, nitrogen oxides and corrosive vapors.

Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

Special Fire and Explosion Hazards: None

Section 6 - Accidental Release Measures**Personal Precautions:**

For personal protection see section 8. Persons not wearing protective equipment should be excluded from the area of the spill until cleanup has been completed.

Environmental Precautions:

Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs notify authorities as required.

Methods for Cleaning Up Spills:

Small Spill: Pick up with cloth or sponge or other absorbent material. Pick up with vacuum if possible. Dispose as directed by local regulatory norms.

Large Spill: Stop spill at source. Collect unrecoverable product with a vacuum pump or absorbent material and dispose according to local laws for liquid disinfectants. Call authorities for assistance on disposal.

Section 7 – Storage & Handling

KEEP OUT OF REACH OF CHILDREN, For industrial and institutional use only. Do not store at temperatures above 120°F or below 10°F.

For industrial and institutional use only. Store in a cool, dry area away from heat or open flame. Never store at temperatures in excess of 120 °F.

Always store in original container. NEVER REUSE THE CONTAINER. Follow all label instructions and precautions

Section 8 - Exposure Control / Personal Protection

Respiratory Protection: If workplace exposure limits product or any component is exceeded a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure types) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Ventilation: Provide sufficient mechanical ventilation to maintain exposure below TLV.

Protective Gloves: Rubber, neoprene or other resistant elastomer.

Eye Protection: Chemical splash resistant goggles or face shield.

Other Protective Clothing & Equipment: Rubber aprons and boots when working with large quantities.

Section 9-Physical And Chemical Properties

Boiling Point: 212 °F

Vapor Pressure: ND

Solubility in Water: Total

% Volatile: 75-85%

Specific Gravity (H₂O=1): 1.02 - 1.04 gr/cc

Vapor Density: (Air = 1): Heavier than air.

Appearance: Clear liquid of low viscosity

pH: 11.0 - 11.5

Section 10 – Stability And Reactivity Information

Stability: Stable

Incompatibility (Materials to Avoid): Strong Oxidizing agents. Acids

Hazardous Polymerization: Will not occur

Conditions To Avoid: Exposure to high temperatures.

Section 11 - Toxicological Information

Oral Toxicity: Ethoxylated Nonyl Phenol (LD50) 4000 mg/kg [Rat]

2-Butoxyethanol (LD50) 470 mg/kg [Rat]

Inhalation Toxicity: 2-Butoxyethanol (LC50) 450 ppm/4Hr [Rat]

Dermal Toxicity: 2-Butoxyethanol (LD50) 220 mg/kg [Rabbit]

Irritancy of Product: This product is irritating to the skin, eyes, respiratory, and digestive tract.

Section 12 - Ecological Information

Toxicity: 2-Butoxyethanol (LC50) 100 mg/L 96Hr [Fish]. Material is not expected to be toxic to aquatic life.

Persistence and Degradability: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Bio-accumulative Potential: No data

Other Adverse Effects: The products of degradation are less toxic than the product itself.

Section 13 - Disposal Considerations

Waste Disposal Method:

Disposal should be made in accordance with federal, state, and local regulations.

Section 14 - Transport Information

DOT Proper Shipping/ Hazard Name (49 CFR 172.101): NR

DOT ID # (49 CFR 172.101): NR

DOT Hazard Class (49 CFR 172.101): NR

Marine Pollutant: No data

International Air Transport Association Shipping Information (IATA): NR

International Maritime Organization Shipping Information (IMO): This MSDS comply with EU standards and regulations.

Section 15 - Regulatory Information

Federal and State Regulations: Connecticut carcinogen reporting list.: Nonidet P40

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REACTIVITY (Yellow): NFPA: ND HMIS: 0

Personal Protection (HMIS)= D

Section 16 – Special Precautions Or Other Comments

Wash hands with soap and water after use. Avoid contact with open wounds. Although information contained herein is believed to be correct as of the date of this document, We makes no representation as to the completeness or accuracy of such information. We shall in no event be responsible for any damages directly or indirectly from use of or reliance on this information. This information is provided solely to assist the customer with the Occupational Safety and Health Act of 1970 and The Right to Know regulations. Any other use is prohibited.

Legend:

NE: Not Evaluated

ND: Not Determined

NA: Not Available

NAP: Not Applicable

NR: Not Regulated