

# MSDS

Material Safety Data Sheet

## 001 FLAMMABLE REDUCER CLEANER

### I. PRODUCT IDENTIFICATION

Name: APAC 001 Reducer Cleaner  
Class: Blend of Aliphatic & Aromatic Hydrocarbon  
Emergency Telephone CHEMTREC:  
800-424-9300

### II. HMIS (0 = minimal hazard; 4 = severe)

Health = 2 Flammability = 3 Reactivity = 0  
Pers. Prot. Equip: B

### III. HAZARDOUS INGREDIENTS

Ingredient (CAS #)	Percent	Occ.	Exp.	Lmt.
		PEL	TLV	Units
Petroleum Hydrocarbons				
(#6472-89-8)		400	400	ppm
(8052-41-3)		100	100	ppm
(108-88-3)		100	100	ppm

### IV. PHYSICAL DATA

EVAPORATION RATE: Slower than Ether. VAPOR DENSITY: Heavier than air. BOILING RANGE: 185°F - 318°F. PERCENT VOLATILE BY VOLUME: 100. WEIGHT PER GALLON: 6.11 lbs.

### V. FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: Flammable Liquid. LOWER EXPLOSIVE LIMIT: 1.2 FLASH POINT: 20°F. EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for small fires. Alcohol or polymer foam for large fires. Water fog will lessen intensity. UNUSUAL FIRE AND EXPLOSION HAZARDS & SPECIAL FIRE FIGHTING PROCEDURES: Never use welding torch on or near cans (even when empty) because residual solvent fumes can explode violently, with subsequent flash fires. Water may be used to keep fire-exposed containers cool until fire is out. Wear self contained breathing apparatus with full face-piece operated in positive pressure when fighting fires.

### VI. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Inhalation of high vapor concentration may have results ranging from dizziness and headaches to unconsciousness. Prolonged or repeated liquid contact with the skin will dry and defat the skin leading to irritation and dermatitis. EMERGENCY FIRST AID PROCEDURES: If overcome by vapor, remove from exposure immediately and call a physician. If breathing is irregular or stopped, start resuscitation and administer oxygen. If ingested, obtain immediate medical attention. In case of skin contact, remove any contaminated clothing and wash skin with soap and warm water. If splashed into the eyes, flush eyes with clear water for 15 minutes or until irritation subsides.

### VII. REACTIVITY DATA

STABILITY: Stable. HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic materials: carbon dioxide and carbon monoxide, various hydrocarbons of unknown structure. CONDI-

TION TO AVOID: Strong oxidizing agents, sparks, open flame, and excessive heat.

### VIII. SPILL OR LEAK PROCEDURES

SPILLS: Spill area should be treated as a hazardous location, open doors and windows, extinguish all sources of ignition, keep untrained persons, children and pets away from area, use explosion proof ventilation equipment. If unsure of proper procedure, evacuate area, open door and windows, and call fire department for assistance. Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material to clear. Residue from cleanup should be allowed to dry thoroughly in an open well ventilated containment area, before disposal. Dispose of remaining material in accordance with applicable regulations.

### IX. SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION: If TLV of any component is exceeded, use NIOSH/MSH approved respirator. VENTILATION: Provide local and/or mechanical ventilation to maintain exposure levels below TLV. PROTECTIVE GLOVES: Use chemical-resistant gloves if needed to avoid repeated or prolonged skin contact. EYE PROTECTION: Use splash goggles or face shield when eye contact may occur. OTHER PROTECTIVE EQUIPMENT: Use chemical-resistant apron or other clothing if needed to avoid repeated or prolonged skin contact.

### X. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep containers closed when not in use. Do not handle or store near heat, sparks, flame or strong oxidants. Other Precautions: Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

### XI. TRANSPORTATION DATA

D.O.T.: Regulated X. SHIPPING NAME: Flammable Liquid. HAZARD CLASS: Flammable LABEL REQUIRED: Red I.M.C.O.-UN 1993 CLASS: 3.2 PAGE: 83.

APAC believes that data set forth herein is accurate as of the date hereof, and makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.

N/A not applicable or not available

N/K none known or not known

# APAC

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All Purpose Adhesive Company • 2424 Lakeland Road • Dalton, GA 30721 • 800-747-APAC • Fax: 706-277-4157