

MATERIAL SAFETY DATA SHEET

IDENTIFY (As used on Label and List)

OPEN-ALL®

Section I

Manufacturer's Name DEUTREL INDUSTRIES	Emergency Telephone Number (661) 948-8898
Address 43102 Business Center Pkwy.	Telephone Number for Information (661) 948-8898, Fax: (661) 948-9928
Lancaster, CA 93535	Date Prepared 12 July 1987 (Revised 3/1/91)

Section II – Hazardous Ingredients (Identify Information)

Hazardous Component {Specific Chemical Identify: Common Name(s)}	OSHA PEL	ACGIH TLV	Other Limits Recommended
Hydrogen Sulfate - Less than 8% - CAS No. 7664-93-9	1 mg/m³ 8 hr - TWA	- 0 -	1 mg/m³ 8 hr - TWA
Organic Sulfur Compounds - 0.81% - Not Determined to be Hazardous			
Corrosive material per CFR 49,172.102.84			
Components Not Listed By: RCRA, NTP, IARC, TSCA, DOT-1830			

Section III – Physical / Chemical Characteristics

Boiling Point	216°F.	Specific Gravity (H ₂ O = 1)	1.1 - 1.2
Vapor Pressure (mm Hg.)	< 0.3	Melting Point	31° - 51°F.
Vapor Density (AIR = 1)	Approx. 3.4	Evaporation Rate (Butyl Acetate = 1)	< 1
Solubility in Water Soluble in all proportions			
Appearance and Odor Colorless and odorless liquid			

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	- 0 -	UEL	- 0 -
Extinguishing Modes N/A							
Special Fire Fighting Procedures None							
Unusual Fire and Explosion Hazards None							

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	XX	
Incompatibility (Materials to Avoid) Material with pH of 8 or above. Mixture will effervesce			
Hazardous Decomposition of By-products Does not form hazardous decomposition products			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	XX	