



PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

R-900

I. NAME

PRODUCT/TRADE NAME: R-900
EPA REGISTRATION #: NONE
CHEMICAL NAME/Common Name:
Alcohol Ethoxylate/Alcohol Ethoxylate
Isopropyl Alcohol/Isopropyl Alcohol

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Alcohol Ethoxylate	68439-45-2	NE	NE
Isopropyl Alcohol	67-63-0	400 ppm (skin)	400 ppm (skin)

III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): .930*
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): NA
% VOLATILES BY VOL.: NE
ODOR: Sweet
APPEARANCE: Clear Liquid
FLASH POINT/METHOD: 84 Deg. F TCC
VAPOR PRESSURE (mmHg): NE
SOLUBILITY IN H2O: Soluble

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO2 Dry Chemical Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full personal protective equipment. Avoid breathing smoke and spray mist. Avoid fallout and runoff. Dike area to prevent entering drains, sewers or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type

VI. REACTIVITY

Stable Unstable
HAZARDOUS POLYMERIZATION
 May Occur Will Not Occur

AVOID: Oxidizers, Liquid chlorine and Concentrated O2
HAZARDOUS DECOMPOSITION PRODUCTS: COx, SiO2

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Absorb with inert material and sweep or vacuum into approved disposal container.

DECONTAMINATION: Treat area with detergent and water. Absorb with inert material and place in approved container. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Place in DOT-approved container and dispose of in an approved disposal site.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD50 (rabbit) Alcohol Ethoxylate 5.1 g/kg (Vista Chemical*). Wash thoroughly before eating, drinking or smoking. Do not ingest. Do not store near food or feed.

INHALATION: PEL/TLV Isopropyl Alcohol 400 ppm. Can cause respiratory irritation in high concentrations. Wear appropriate respiratory protection for exposures above the PEL/TLV.

SKIN ABSORPTION: Acute dermal LD50 (rabbit) for Alcohol Ethoxylate 1.5 g/kg (Vista Chemical*). Can cause mild skin irritation or dermatitis. Wear proper personal protective equipment to reduce exposure.

EYE EXPOSURE: Keep out of eyes. May be mildly irritating to the eyes. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection to reduce splash exposure.

EFFECTS OF OVEREXPOSURE: May cause eye irritation and corneal inflammation. High concentrations can cause respiratory irritation. May cause skin irritation, scaling or dermatitis. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated clothing and wash with soap and water. For eye contact, irrigate eyes for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for organic vapors for exposures up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEL/TLV.

PERSONAL PROTECTIVE EQUIPMENT: Not normally required for this product. Recommend chemical goggles, long-sleeved coveralls and rubber or neoprene boots.

VENTILATION: Recommend local exhaust ventilation for manufacture and formulation operations. General ventilation sufficient for intended use.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Keep away from open flame, heat or ignition sources.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical:

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical:

RQ:

RCRA: Yes No

NFPA HAZARD RATING:

Health:	Fire:	Reactivity:	Special:	NFPA HAZARD RATING SCALE:
[1]	[3]	[0]	[]	0 = Minimal
				1 = Slight
				2 = Moderate
				3 = Serious
				4 = Severe

HMS CODES:

Health:	Fire:	Reactivity:	HMS HAZARD RATING SCALE:
[1]	[3]	[0]	0 = Minimal
			1 = Slight
			2 = Moderate
			3 = Serious
			4 = Severe

DATE PREPARED: January 14, 1986

REVISED DATE: March 5, 2001

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

