



PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

INSIST 90

I. NAME

PRODUCT/TRADE NAME: INSIST 90
EPA REGISTRATION #: None
CHEMICAL NAME/COMMON NAME:
Alkylphenol ethoxylate/Alkylphenol ethoxylate
2-Propanol/Isopropyl Alcohol

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Alkylphenol ethoxylate	9016-45-9	NE	NE
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm

III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): 1.02
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): >1.0
% VOLATILES BY VOL.: NE
ODOR: Alcohol
APPEARANCE: Clear Amber liquid
FLASH POINT/METHOD: >200 Deg. F TCC
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H2O: Emulsifiable

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 protective equipment. Avoid breathing vapors and spray mist. Avoid fallout and runoff. Dike 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 HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Strong Oxidizers, Acids, Bases
HAZARDOUS DECOMPOSITION PRODUCTS: COx, phenols

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 vacuum or sweep into an approved disposal container.
DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material and place in approved disposal containers. Repeat as necessary until area is clean.
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.
DISPOSAL: Use DOT-approved disposal containers and dispose of in accordance with all federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute Oral LD50 Isopropyl Alcohol 5,840mg/kg (SAX*). Wash thoroughly before eating, drinking or smoking. Do not ingest. Do not store near food and feed.
INHALATION: No established PEL/TLV. Isopropyl Alcohol has a PEL/TLV 400 ppm. Wear appropriate respiratory protection for encountered.
SKIN ABSORPTION: Acute dermal LD50 (rabbit) for Isopropyl Alcohol 13 g/kg (SAX*). Can cause mild skin irritation or dermatitis after prolonged contact. Wear proper personal protective equipment to reduce exposure.
EYE EXPOSURE: May be mildly irritating to the eyes. If exposed, flush a minimum of 15 minutes with water. Wear proper eye protection to reduce splash exposure.
EFFECTS OF OVEREXPOSURE: effects of overexposure may include flushing, headache, dizziness, mental depression, nausea, vomiting, narcosis, anesthesia and coma. Can be fatal. Chronic overexposure can result in kidney

damage. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.
FIRST AID: In all cases, get prompt medical attention. If swallowed, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated clothing and wash thoroughly with soap and water. For eye exposure, irrigate eyes with water for a minimum of 15 minutes. 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 encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.
PERSONAL PROTECTIVE EQUIPMENT: Not normally required for this product. Recommend chemical goggles and neoprene or rubber gloves.
VENTILATION: Recommend local exhaust ventilation is recommended 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. Isopropyl Alcohol reacts violently with (H2+Pd), nitroform, oleum, COC12, potassium-tert-butoxide, A1, A1 tri isopropoxide and crotonaldehyde.

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

DATE PREPARED: January 17, 2007

REVISED DATE:

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*Technical Material NE - Not Established NA - Not Applicable

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

