



IDEAS TO GROW WITH®

PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

HOLD UP

I. NAME

PRODUCT/TRADE NAME: HOLD UP
EPA REGISTRATION #: NONE
CHEMICAL NAME/COMMON NAME:
Surfactant Blend/Surfactant
Ethylene Glycol Monohydrate Ether/Ethylene Glycol
2-Propanol/Ethyl Alcohol

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Surfactant	NONE	NE	NE
Ethylene Glycol	111-76-2	NE	NE
Ethyl Alcohol	64-17-5	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): 1.021
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): >1
% VOLATILES BY VOL.: NE
ODOR: Alcohol
APPEARANCE: Clear Pale Yellow Liquid
FLASH POINT/METHOD: >200 Deg. F
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 protective equipment. Avoid breathing vapors and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Strong Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: COx

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Absorb with inert material. Vacuum or sweep up, and place in approved disposal container.
DECONTAMINATION: Treat spill 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 accordance with Federal, State and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not ingest. Can be fatal. Do not store near food or feed.
INHALATION: No established PEL/TLV. Ethyl Alcohol has a PEL/TLV 1000 ppm, Ethylene Glycol 25 ppm. Wear appropriate respiratory protection for exposures encountered.
SKIN ABSORPTION: Can cause mild skin irritation or dermatitis after prolonged contact. Wear proper personal protective equipment to reduce exposure.
EYE EXPOSURE: Can cause severe eye irritation. If exposed, flush eyes for 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 ingested, give several glasses of water. Do not induce vomiting. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate 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 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 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: Ethylene Glycol

RQ: 5000

RCRA: Yes No

NFPA HAZARD RATING:

Health: [2]

Fire: [1]

Reactivity: [0]

Special: []

HMS CODES:

Health: [2]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

DATE PREPARED: January 18, 2001

REVISED DATE:

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

