



PO BOX 16458 • FRESNO CA 93755

# MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

**HASTEN Modified Vegetable Oil**

## I. NAME

PRODUCT/TRADE NAME: HASTEN Modified Vegetable Oil  
EPA REGISTRATION #: NONE  
CHEMICAL NAME/COMMON NAME:  
Non-ionic surfactant/Non-ionic surfactant

## II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Non-ionic surfactant	Mixture	NE	NE

## III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): .9  
MELTING POINT: NA  
VAPOR DENSITY (AIR = 1): NE  
% VOLATILES BY VOL.: NE  
ODOR: Fatty  
APPEARANCE: Amber Liquid  
FLASH POINT/METHOD: >150 Deg. C  
VAPOR PRESSURE (mmHg): NE  
SOLUBILITY IN H<sub>2</sub>O: Emulsifiable

## IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: ☐ Water Fog ☒ Foam ☐ Alcohol Foam  
☒ CO<sub>2</sub> ☒ Dry Chemical ☐ Other  
FIRE FIGHTING PRECAUTIONS & HAZARDS:  
Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective clothing. Do not breathe smoke or 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 ☐ ARC ☒ No Listing Type

## VI. REACTIVITY

☒ Stable ☐ HAZARDOUS POLYMERIZATION  
☐ Unstable ☐ May Occur ☒ Will Not Occur  
AVOID: Strong oxidizers, organic material  
HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>

## VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Absorb with inert material and sweep or vacuum into disposal container.  
DECONTAMINATION: Treat spill area with detergent and water. Absorb with inert material. Place in disposal container and repeat procedure as necessary until area is clean.  
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.  
DISPOSAL: 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.  
INHALATION: No PEL/TLV established for this product. Do not inhale mist. Use proper respiratory protective equipment for exposures above the PEL/TLV.  
SKIN ABSORPTION: Avoid contact with skin. Can cause skin irritation. Wear proper personal protective equipment to reduce skin exposure.  
EYE EXPOSURE: Keep out of eyes. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection to reduce splash exposure.  
EFFECTS OF OVEREXPOSURE: Material is not toxic or irritating to the skin. No known chronic effects. No known preexisting medical conditions will be aggravated by exposure.  
FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye contact, 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 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: Neoprene or rubber gloves and safety goggles.  
VENTILATION: General ventilation.

## X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

## 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: [1]

Fire: [1]

Reactivity: [0]

Special: [ ]

HMIS CODES:

Health: [1]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

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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**

