

CUST416

## ILLSBORO ELEMENTARY SCHOOLS

MATERIAL SAFETY DATA SHEET

CM 0112

215 S.E. 6th Ave.  
HILLSBORO, OR 97123

## SECTION I

PRODUCT CODE NUMBER 3449 \*TLV: \_\_\_\_\_  
MANUFACTURER'S NAME Associated Chemists, Inc. EMERGENCY INFORMATION \_\_\_\_\_  
MANUFACTURER'S ADDRESS 4401 S.E. Johnson Creek Blvd., Portland, OR 97222  
PRODUCT Tuff-T Waterless Hand Clnr. w/grit COMMON NAME: \_\_\_\_\_  
GENERIC NAME \_\_\_\_\_ CHEMICAL NAME \_\_\_\_\_  
CHEMICAL FAMILY \_\_\_\_\_ DOT PROPER SHIPPING NAME \_\_\_\_\_  
WARNING STATEMENTS Store in cool, dry area. Keep container closed when not in use.

## SECTION II - INGREDIENTS

C.A.S. #	%	TLV
Light Petroleum Distillate	40 by vol.	100 ppm
May be harmful or fatal if ingested.	LD <sub>50</sub> rats > 10 g/kg	
Keep out of reach of children.		
Proprietary Nonionic-Anionic Emulsifiers	5	NA

\* Threshold limit value set by (A) OSHA, (B) ACGIH, (C) See Section III, (D) Other, (NE) Not Established (Units are in PPM unless otherwise specified)

## SECTION III - PHYSICAL DATA

APPROXIMATE BOILING RANGE: >212°F VAPOR PRESSURE: (mm Hg): > 1  
VAPOR DENSITY (air = 1): less than 5.7 SOLUBILITY IN WATER: Dispersible.  
SPECIFIC GRAVITY: 0.93 PERCENT VOLATILE: 40%  
EVAPORATION RATE (water = 1): < 1 APPROXIMATE BULK DENSITY: pH: 8.7 ± 0.2

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT RANGE: (SetaFlash Closed Tester): >200°F EXTINGUISHING MEDIA: CO<sub>2</sub>, dry chemical foam water spray.  
FIRE FIGHTING PROCEDURES: Do not enter confined fire spaces without proper equipment. DOT FLAMMABILITY CLASSIFICATION: None Lower: 0.9 - 1.0%  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Fire hazard is greater as temperature increases beyond 140°F.

## SECTION V - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes immediately & continuously for 15 minutes. Call a doctor.SKIN CONTACT: Wash or wipe skin thoroughly.INHALATION: Move person to fresh air.INGESTION: Do not induce vomiting. Call a physician immediately. (NOTE TO PHYSICIAN): Ingestion of this product or subsequent vomiting can result in aspiration of light hydrocarbon liquid, which can cause pneumonitis.

## SECTION VI - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

ACUTE EFFECTS PERMISSIBLE EXPOSURE LEVEL: TLV = 100 ppm parts vapor per million part air.  
EFFECTS OF OVEREXPOSURE: FOR PRODUCT: EYES: Causes irritation. SKIN: May cause irritation  
to abraided skin. Not toxic by skin contact. BREATHING: Excessive exposure to vapors may  
CHRONIC EFFECTS. cause headache, dizziness. SWALLOWING: Not expected to be acutely toxic. LD<sub>50</sub> rats > 10g/kg  
for petroleum distillate.

## SECTION VII - REACTIVITY DATA

STABILITY (Conditions to Avoid): Stable.

INCOMPATIBILITY (Materials to Avoid): Acids, strong oxidizing materials. Separation may occur if heated over 120°F.

HAZARDOUS DECOMPOSITION PRODUCTS CO<sub>2</sub>, water vapor, CO.

HAZARDOUS POLYMERIZATION (Conditions to Avoid): None.

## SECTION VIII - SPILL OR LEAK PROCEDURES

PROCEDURES IN CASE OF RELEASE OR SPILL: Small Spills: All spills of this product would be extremely slippery.  
Small spills may flushed to sanitary sewer pending local regulations.

Large Spills: Absorb large spills with sawdust or other absorbent. Extinguish ignition sources or flame.  
Treat as oil spill.

WASTE DISPOSAL METHOD: Small Spill: Less than 3 gallons - flush to sanitary sewer pending local regulations.

Large Spill: Transfer to landfill or incinerate pending local regulations.

## SECTION IX - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required for normal use.

VENTILATION: Normal required to keep TLV below 100 ppm.

PROTECTIVE GLOVES: None.

EYE PROTECTION: Avoid contact with eyes. Use eye goggles when filling or handling.

OTHER PROTECTIVE EQUIPMENT: Remove contaminated clothing. Wash before re-use.

## SECTION X - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORING PRECAUTIONS: Containers of this material may be hazardous when emptied. Since emptied  
containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet  
must be observed.

OTHER PRECAUTIONS: \_\_\_\_\_

## SECTION XI - DOCUMENTARY INFORMATION

PRODUCT CODE NUMBER: \_\_\_\_\_

ISSUE DATE: \_\_\_\_\_

REPLACES MSDS NUMBER: \_\_\_\_\_

PREVIOUS PRODUCT CODE NUMBER: \_\_\_\_\_

PREVIOUSLY ISSUED: September 24, 1985