

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME:** WATERBASE REDUCER  
**PRODUCT CODE:** 1820

**HMIS CODES: H F R P**  
1 0 0 B

===== **SECTION I - MANUFACTUER IDENTIFICATION** =====

**MANUFACTURER'S NAME:** T. W. GRAPHICS GROUP  
**ADDRESS:** 7220 East Slauson Avenue, City of Commerce, CA 90040  
**EMERGENCY PHONE:** 1-800-424-9300 **INFORMATION PHONE:** (323) 721-1400  
**DATE REVISED** : 08-22-91 **NAME OF PREPARER** : NORMA DAVID

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

HAZARDOUS COMPONENTS	OCCUPATIONAL EXPOSURE LIMITS				VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
	CAS NUMBER	OSHA PEL	ACGIH TLV	MFR TLV		
Hexylene Glycol	107-41-5	25 ppm	25 ppm		0.1 68F	50

+++ No toxic chemical (s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 present. +++++++

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

**BOILING POINT:** 387 Deg F **SPECIFIC GRAVITY (H20=1):** 1.0  
**VAPOR DENSITY:** HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER  
**COATING V. O. C. :** 7.67 LB/GL ( 919 G/L )  
**MATERIAL V. O. C. :** 4.00 LB/GL ( 479 G/L )  
**SOLUBILTY IN WATER:** Very soluble.  
**APPEARANCE AND ODOR:** Clear liquid with practically no odor.

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

**FLASH POINT:** None **METHOD USED:** TCC  
**FLAMMABLE LIMITS IN AIR BY VOLUME-** **LOWER:** 1.2% **UPPER:** 8.1%

**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES**

Wear self-contained breathing apparatus and protective clothing to protect against hazardous effects of normal combustion and oxygen deficiency.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

No available information.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Eliminate open flames in the vicinity of spill or released vapors. Stop source of leak. Absorb large spills with absorbent clay or other suitable materials.

**WASTE DISPOSAL METHOD**

Place contaminated material in disposable containers. Incinerate observing local, state, and federal health, safety, and pollution laws.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Store and use in a well-ventilated area.  
*DO NOT STORE OR USE NEAR OPEN FLAME, SPARKS OR HOT SURFACES.*

**OTHER PRECAUTIONS:**

Practice to avoid excessive eye and skin exposure.

===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION:**

Consult supplier for an approved air-purifying respirator.

**VENTILATION:**

Good general ventilation should be sufficient for most conditions.

**PROTECTIVE GLOVES:**

Use impervious gloves when prolonged or frequently repeated contact occurs.

**EYE PROTECTION:**

Use safety goggles for prolonged exposure.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Solvent resistant aprons, eyewash fountains, safety showers are recommended.

**WORK/HYGIENIC PRACTICES**

Laundry contaminated clothing before reuse.

===== SECTION IX - DISCLAIMER =====

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*CUSTOMERS ARE ASKED TO CONDUCT TESTS BEFORE USE.*

## =====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE=====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Eliminate open flames in the vicinity of spill or released vapor. Stop source of leak. Absorb large spills with absorbent clay or other suitable materials.

**WASTE DISPOSAL METHOD:**

Place contaminated material in disposable containers. Incinerate observing local, state, and federal, health, safety, and pollution laws.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Store and use in a well-ventilated area.

*DO NOT STORE OR USE NEAR OPEN FLAME, SPARKS, OR HOT SURFACES.*

**OTHER PRECAUTIONS:**

Practice to avoid excessive eye and skin exposure.

## ===== SECTION VIII - CONTROL MEASURES =====

**RESPIRATORY PROTECTION:**

If exposure may or does exceed occupational exposure limits, use a NIOSH approved respirator, or an atmosphere-supplying respirator, or an air-purifying respirator for organic vapors.

**VENTILATION:**

Good, general ventilation should be sufficient for most conditions.

**PROTECTIVE GLOVES:**

Use impervious gloves when prolonged or frequently repeated contact occurs.

**EYE PROTECTION:**

Use safety goggles for prolonged exposure.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Solvent resistant aprons, eyewash fountains, safety showers are recommended.

**WORK/HYGIENIC PRACTICES:**

After use, wash hands thoroughly with soap and water before eating, drinking, or smoking. Launder contaminated clothing.

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