

PRODUCT NAME: TWP-1502 REDWOOD  
 PRODUCT CODE: TWP-1502 REDWOOD

HMIS CODES: H F R P  
 2 2 0 G

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: AMTECO, INC.

ADDRESS : P.O. BOX 9  
 1100 JEFFERSON ST  
 PACIFIC, MO. 63069

EMERGENCY PHONE : 1-800-424-9300      DATE PRINTED : 10/1/2010  
 INFORMATION PHONE : 1-800-969-4811      NAME OF PREPARER : N/A

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg @ TEMP		PERCENT
SOLVENT NAPHTHA (PETROLEUM) MEDIUM ALIPHATIC OSHA PEL: 500PPM, ACGIH TLV: 100PPM	64742-88-7	6	41 DEG C	33
FOLPET	133-07-3			.87215
XYLENE OSHA PEL: 100PPM, ACGIH TLV: 100PPM	1330-20-7	2.4	68 F	.36075

DISPERSANT

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.  
 COMBUSTIBLE LIQUID NOS, NA 1993, PG.III EMG GUIDE #128

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

BOILING RANGE: 279 F - 300-390      SPECIFIC GRAVITY (H2O=1): .8912  
 VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: SLOWER THAN ETHER  
 COATING V.O.C.: 2.84 lb/gl      MATERIAL V.O.C.: 2.84 lb/gl  
 SOLUBILITY IN WATER: INSOLUBLE  
 APPEARANCE AND ODOR:

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

FLASH POINT: 80 F      METHOD USED: TCC  
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.8      UPPER: 6.6

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

**SPECIAL FIREFIGHTING PROCEDURES**

WEAR A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE-PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE WITH APPROPRIATE TURN-OUT GEAR AND CHEMICAL RESISTANT PERSONAL PROTECTIVE EQUIPMENT.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

WATER MAY BE USED TO COOL CONTAINERS. VAPORS MAY CAUSE FLASH FIRES. KEEP CONTAINERS TIGHTLY CLOSED AND ISOLATE FROM HEAT, SPARKS AND FLAME. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR CONTAINERS EVEN IF EMPTY. RESIDUE CAN STILL IGNITE. RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY STORED OR DISCARDED.

===== SECTION V - REACTIVITY DATA =====

**STABILITY: STABLE**

**CONDITIONS TO AVOID**

AVOID CONTACT WITH STRONG OXIDIZERS, HIGH TEMPERATURES AND OPEN IGNITION SOURCES.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

OXIDIZING AGENTS

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN

**HAZARDOUS POLYMERIZATION: WILL NOT OCCUR**

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

VAPORS OR SPRAY MIST MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATORY TRACT. HIGH VAPOR CONCENTRATIONS MAY RESULT IN CENTRAL NERVOUS SYSTEM DEPRESSION. SYMPTOMS INCLUDE HEADACHE, DIZZINESS AND NAUSEA.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

LIQUID AND VAPORS MAY BE SLIGHTLY IRRITATING TO THE EYES CAUSING TEARING AND REDNESS. LIQUID AND SPRAY MIST CAN BE SLIGHTLY IRRITATING TO THE SKIN WHICH MAY RESULT IN DRYNESS AND IRRITATION.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

THIS PRODUCT IS NOT EASILY ABSORBED. PROLONGED CONTACT MAY RESULT IN THE EXTRACTION OF NATURAL OILS CAUSING IRRITATION AND DRYNESS.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

TOXIC IF SWALLOWED. WILL CAUSE VOMITING, NAUSEA, DIARRHEA. HIGH CONCENTRATIONS CAN CAUSE COLLAPSE, PNEUMONIA AND CONVULSIONS.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

BREATHING DIFFICULTIES, DIZZINESS, LOSS OF COORDINATION AND HEADACHE ARE SIGNS OF EXPOSURE TO CONCENTRATIONS ABOVE THE TLV. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER EXPOSURE WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

**CARCINOGENICITY: NTP CARCINOGEN: N/A IARC MONOGRAPHS: N/A OSHA REGULATED:**  
N/A

N/A

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

PRE-EXISTING DISORDERS OR DISEASES OF THE SKIN, EYE, LIVER, KIDNEY, NERVOUS SYSTEM, RESPIRATORY AND/OR PULMONARY SYSTEM, LUNG (E.G. ASTHMA-LIKE CONDITIONS).

**EMERGENCY AND FIRST AID PROCEDURES**

INHALATION: MOVE SUBJECT TO FRESH AIR. RESTORE BREATHING IF NECESSARY. TREAT SYMPTOMATICALLY AND CONSULT PHYSICIAN. EYE

& SKIN CONTACT: FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES. SEE A PHYSICIAN IMMEDIATELY. WASH SKIN AFTER REMOVING CONTAMINATED CLOTHING WITH MILD SOAP AND WATER FOR 15 MINUTES. SEE PHYSICIAN IF IRRITATION PERSISTS. INGESTION: DRINK 1-2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY. NEVER GIVE LIQUIDS TO AN UNCONSCIOUS PERSON.

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

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

STOP SPILL AT SOURCE. ELIMINATE ALL IGNITION SOURCES (FLARES, OPEN FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). USE ONLY NON SPARKING TOOLS FOR CLEAN UP. SUPPLY ADEQUATE VENTILATION. AVOID BREATHING OF VAPORS, USE RESPIRATOR. CONTAIN AND REMOVE WITH INERT ABSORBENT.

**WASTE DISPOSAL METHOD**

RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY STORED OR DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER FILLED METAL CONTAINER. DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS. THIS PRODUCT IS TOXIC TO FISH. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTE.

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

KEEP ALL CONTAINERS SEALED TIGHT AND IN AN UPRIGHT POSITION TO PREVENT LEAKS. STORE CONTAINERS OUT OF SUN AND AWAY FROM ALL HEAT SOURCES. THIS MATERIAL SHOULD BE GROUNDED WHEN POURING. DO NOT STORE NEAR HEAT, SPARKS OR OPEN FLAME.

**OTHER PRECAUTIONS**

Warning: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY.

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

**RESPIRATORY PROTECTION**

DO NOT BREATHE VAPORS OR SPRAY MIST. WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) DURING APPLICATION AND OTHER USE OF THIS MATERIAL UNTIL VAPORS AND MISTS ARE EXHAUSTED AND EXPOSURE IS BELOW LISTED TLV(S). USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPORS.

**VENTILATION**

PROVIDE SUFFICIENT VENTILATION TO KEEP VAPOR CONCENTRATIONS BELOW GIVEN TLV AND LEL LEVELS. IF LOCAL EXHAUST DOES NOT KEEP VAPOR CONCENTRATIONS BELOW LISTED LEVELS MECHANICAL EXHAUST IS REQUIRED.

**PROTECTIVE GLOVES**

IMPERMEABLE CHEMICAL RESISTANT GLOVES SUCH AS NEOPRENE COATED GLOVES.

**EYE PROTECTION**

USE SAFETY EYE WARE WITH SIDE-SHIELDS TO PROTECT AGAINST CHEMICAL SPLASH OF LIQUIDS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

EYE BATH AND SHOWERS SHOULD BE READILY AVAILABLE. USE CHEMICAL RESISTANT APRON, BOOTS OR OTHER CLOTHING NEEDED TO AVOID REPEATED OR FREQUENT SKIN CONTACT. LIQUID MAY PENETRATE SHOES AND LEATHER CAUSING DELAYED IRRITATION. USER SHOULD REMOVE CLOTHING IMMEDIATELY IF PRODUCT GETS INSIDE. THEN WASH THOROUGHLY WITH SOAP AND WATER AND PUT ON CLEAN CLOTHING. USER

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SHOULD REMOVE PERSONNEL PROTECTIVE EQUIPMENT IMMEDIATELY AFTER HANDLING THIS PRODUCT. WASH THE OUTSIDE OF GLOVES BEFORE REMOVING.

**WORK/HYGIENIC PRACTICES**

WASH HANDS BEFORE AND AFTER EATING, SMOKING AND USING THE BATHROOM.

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

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, AMTECO, INC. DOES NOT ASSUME ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER.