

INTERWEST L.C.

Material Safety Data Sheet

EMERGENCY PHONE- 712-667-3200

CHEMTREC 800-424-9300

MSDS REFERENCE- - M.E.S. - 3/24/99

3/24/99 - SUPERSEDES ANY EARLIER MSDS INFORMATION

SECTION I - IDENTIFICATION

PRODUCT: SOYPOWER™ PENETRANT & LUBRICANT
LIQUID FORMULATION
CHEMICALS: THE PRECISE COMPOSITION OF THIS PRODUCT IS PROPRIETARY INFORMATION. A MORE COMPLETE DISCLOSURE WILL BE PROVIDED TO A PHYSICIAN IN THE EVENT OF A MEDICAL EMERGENCY.
SARA HAZARD: NONE NOTED (SECTION 311/312) TITLE III SECTION 313 - NOT LISTED

SECTION II - HAZARDOUS INGREDIENTS

NONE AS DEFINED UNDER THE U.S. OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) OR THE CANADIAN HAZARDOUS PRODUCTS ACT S.C. 1987, C.30 (PART 1).

SECTION III - PHYSICAL DATA

BOILING POINT: OVER 400 DEG F AT 760 MM HG PRESSURE
VAPOR PRESSURE: LESS THAN 1 mm HG AT 72 DEG C
SPECIFIC GRAVITY: 0.87 AT 25 DEG C
SOLUBILITY IN WATER: NEGLIGIBLE AT ROOM TEMPERATURE
APPEARANCE AND COLOR: GOLDEN TO PALE YELLOW LIQUID AT ROOM TEMPERATURE
MELTING POINT: -1 DEG C
%VOC: LESS THAN 5% (Method 24)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD USED: >135 DEG F (AOCSOC)
FLAMMABLE LIMITS IN AIR, % BY VOL LOWER: NOT APPLICABLE
FLAMMABLE LIMITS IN AIR, % BY VOL UPPER: NOT APPLICABLE
NFPA RATING: NO NFPA RATING
HMIS RATING: HEALTH (1) FIRE (2) REACTIVITY (0) SPECIFIC (NONE)

SPECIAL FIRE FIGHTING PROCEDURES & PRECAUTIONS:

(INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE FIGHTING PROCEDURES FOR WHICH THEY HAVE BEEN TRAINED). USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. WATER MAY BE INEFFECTIVE BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE.

USUAL FIRE & EXPLOSION HAZARDS:

SOAKED RAGS WILL CAUSE SPONTANEOUS COMBUSTION IF NOT HANDLED PROPERLY. KEEP SOAKED RAGS IN AN APPROVED SAFETY CONTAINER OR LET DRY INDIVIDUALLY IN WELL VENTILATED AREA.

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS IN THE POSITIVE-PRESSURE MODE WITH A FULL FACEPIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES, OR HAZARDOUS DECOMPOSITION PRODUCTS.

SECTION V - HEALTH HAZARD DATA

INHALATION: UNKNOWN
ACUTE ORAL TOXICITY: LD50: >17.4g/KG (ALBINO RATS) (SIMILAR PRODUCTS)
EYE CONTACT: SIMILAR PRODUCTS WERE NOT CLASSIFIED AS EYE IRRITANTS.
SKIN CONTACT: NOT CLASSIFIED AS A PRIMARY SKIN IRRITANT OR CORROSIVE MATERIAL.

EMERGENCY FIRST AID PROCEDURE

FOR OVEREXPOSURE BY SWALLOWING: CALL A PHYSICIAN OR POISON CONTROL CENTER PROMPTLY.
FOR OVEREXPOSURE BY SKIN CONTACT: WASH AFFECTED AREA.
FOR OVEREXPOSURE BY EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. DO NOT LET VICTIM RUB EYES.
FOR OVEREXPOSURE BY INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. IF VICTIM HAS STOPPED BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY BY MOUTH-TO-MOUTH. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VI - REACTIVITY

STABILITY: GENERALLY STABLE
HAZARDOUS POLYMERIZATION: NONE LIKELY
CONDITIONS & MATERIALS TO AVOID: AVOID CONTACT WITH STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS: DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION VII - SPILL, LEAK AND WASTE DISPOSAL PROCEDURES

ENVIRONMENTAL PRECAUTIONS: AVOID UNCONTROLLED RELEASES OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED.
SPILL OR LEAK PRECAUTIONS: WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING AS DESCRIBED BY SECTION VIII. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSORBENT MEDIA. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTABLE UNDER APPLICABLE LAWS AND REGULATIONS.
WASTE DISPOSAL: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGULATIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. RECLAIM WHERE POSSIBLE.

SECTION VIII - SPECIAL PROTECTION INFORMATION

CONTROL MEASURES: HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.
RESPIRATORY PROTECTION: RECOMMENDED EXPOSURE LIMITS (i.e., OSHA-PEL AND ACGIH-TLV) HAVE NOT BEEN ESTABLISHED FOR THIS MATERIAL. WHETHER THERE IS A NEED FOR RESPIRATORY PROTECTION UNDER YOUR CONDITIONS OF HANDLING OF THIS MATERIAL SHOULD BE EVALUATED BY A QUALIFIED HEALTH SPECIALIST.
PROTECTIVE CLOTHING: NO NEED ANTICIPATED.
EYE PROTECTION: WEAR SAFETY GLASSES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1.

SECTION IX - SPECIAL PRECAUTIONS

METHYL SOYATE SOAKED RAGS SHOULD BE STORED IN AN APPROVED SAFETY CONTAINER OR DRIED INDIVIDUALLY IN A WELL VENTILATED AREA TO AVOID SPONTANEOUS COMBUSTION.

MANUFACTURER'S STATEMENT:

The information presented herein is believed to be factual as it has been derived from the works and opinions of persons believed to have qualified expert; however, nothing contained in this information is to be taken as a warranty or representation for which InterWest bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

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