

**M A T E R I A L S A F E T Y D A T A S H E E T**

-12155

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**PRODUCT NAME:** K2R SPOT LIFTER  
**PRODUCT CODE:** L-12155

**HMIS CODES:** H F R P  
 1 4 0

===== **SECTION I - DISTRIBUTOR IDENTIFICATION** =====

**DISTRIBUTOR'S NAME :** SPONTEX, INC.  
**ADDRESS :** 101 SPONTEX DRIVE  
 COLUMBIA, TN 38401

**EMERGENCY PHONE :** 1-931-388-5632  
**INFORMATION PHONE :** 1-931-388-5632

**DATE PRINTED :** 10/29/99  
**NAME OF PREPARER :** ESP

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT PERCENT
		mm Hg @ TEMP		
PTANE OSHA PEL: 400 PPM, ACGIH TLV: 400 PPM	142-82-5	40	72	30
HEXANE (MIXED ISOMERS), INCLUDING n-HEXANE FOR HEXANE ISOMERS: OSHA PEL: 500 PPM, ACGIH TLV: 500 PPM; STEL: 1000 PPM FOR n-HEXANE: OSHA PEL: 50 PPM, ACGIH TLV: 50 PPM	110-54-3	137	68	19
LICA-AMORPHOUS, PRECIPITATED	112926-00-8			6
TANE OSHA PEL: 800 PPM, ACGIH TLV: 800 PPM	106-97-8	1640	68	33
OPANE OSHA PEL: 1000 PPM, ACGIH TLV: ASPHYXIAN	74-98-6	6350	68	12

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

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

**BILING RANGE:** -44 deg F - 208 deg F      **SPECIFIC GRAVITY (H2O=1):** 0.65  
**APOR DENSITY:** HEAVIER THAN AIR      **EVAPORATION RATE:** SLOWER THAN ETHER  
**OLUBILITY IN WATER:** NIL  
**PEARANCE AND ODOR:** AEROSOL PRODUCT

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

**LASH POINT:** -156 deg F      **METHOD USED:** ESTIMATED  
**LAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** 1.2      **UPPER:** 9.5

**XTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL, WATER FOG

**PECIAL FIREFIGHTING PROCEDURES**

ATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD-UP AND EXPLOSION WHEN EXPOSED TO TREME HEAT. IF WATER IS USED, FOG NOZZLES PREFERRED. WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS.

**NUSUAL FIRE AND EXPLOSION HAZARDS**

USED CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT AND DISCHARGE CONTENTS. VAPOR ACCUMULATION IN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY PARENT. OBTAIN MEDICAL ATTENTION.

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

**TABILITY:** STABLE

**ONDITIONS TO AVOID**

PLICATION TO HOT SURFACES. STORAGE ABOVE 120 DEG F. EXPOSURE TO OPEN FLAME.

**COMPATIBILITY (MATERIALS TO AVOID)**

STRONG OXIDIZING AGENTS.

**AZARDOUS DECOMPOSITION OR BYPRODUCTS**

AY PRODUCE FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE.

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

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**ONDITIONS TO AVOID**

PLICATION TO HOT SURFACES. STORAGE ABOVE 120 DEG F. EXPOSURE TO OPEN FLAME.

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**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR=====**SECTION VI - HEALTH HAZARD DATA**=====**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

SPIRATORY IRRITATION, HEADACHE, NAUSEA, FATIGUE, DROWSINESS, IMPAIRED CO-ORDINATION.

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

SKIN: CONTACT MAY DRY THE SKIN; PROLONGED CONTACT MAY CAUSE MODERATE IRRITATION. EYES: LIQUID OR VAPOR CAN CAUSE MODERATE TO SEVERE IRRITATION.

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

NOT EASILY ABSORBED. SOLVENT ACTION CAN DRY AND DEBAT THE SKIN CAUSING THE SKIN TO CRACK, LEADING TO DERMATITIS.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

NOT A LIKELY ROUTE OF EXPOSURE. IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ADVICE AND/OR ATTENTION.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

ACUTE: EYE IRRITANT. POSSIBLE SKIN IRRITANT. CHRONIC: NONE KNOWN.

**MUTAGENICITY:** NTP CARCINOGEN: No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

NONE KNOWN.

**EMERGENCY AND FIRST AID PROCEDURES**

INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION. SKIN: WIPE OFF WITH TOWEL. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES: WASH IMMEDIATELY WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

=====**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**=====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

**WASTE DISPOSAL METHOD**

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR HAZARD CAUTION INFORMATION.

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

STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. DO NOT STORE ABOVE 120 DEG F. DO NOT PUNCTURE OR INCINERATE (BURN) CANS. DO NOT PICK PIN, NAIL OR ANY OTHER SHARP OBJECT INTO OPENING ON TOP OF CAN. DO NOT SPRAY IN EYES. DO NOT TAKE INTERNALLY. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION.

**OTHER PRECAUTIONS**

ALL PRESSURIZED CONTAINERS OF FLAMMABLE PRODUCTS MAY BE STORED IN AREAS SUITABLE FOR ORDINARY COMBUSTIBLES WITH RESPECT TO INSTRUCTION, DRAINAGE, CONTROL OF IGNITION SOURCES, AND VENTILATION EXCEPT THAT THEY SHOULD NOT BE STORED IN BASEMENTS.

=====**SECTION VIII - CONTROL MEASURES**=====**RESPIRATORY PROTECTION**

NONE UNDER NORMAL USE. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

**VENTILATION**

SUFFICIENT TO PREVENT INHALATION OF SOLVENT VAPORS. GENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PATTERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

**PROTECTIVE GLOVES**

NONE UNDER NORMAL USE. SOLVENT RESISTANT REQUIRED FOR PROLONGED OR REPEATED CONTACT.

**MATERIAL SAFETY DATA SHEET**

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**EE PROTECTION**

NE UNDER NORMAL USE; HOWEVER, USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHIELD IS RECOMMENDED.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

NE UNDER NORMAL USE; HOWEVER, USE OF SOLVENT RESISTANT APRONS OR OTHER CLOTHING IS RECOMMENDED.

**ORK/HYGIENIC PRACTICES**

E WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

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

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. BECAUSE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO RESPONSIBILITY FOR ITS USE.