

MATERIAL SAFETY DATA SHEET

Company: **AEROSOL SPECIALTIES**

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME : **K2r Spot Lifter**

CHEMICAL FAMILY : **MIXED SOLVENTS**

LATEST REVISION DATE : **June, 2005**

SECTION II – HAZARDOUS INGREDIENTS & OTHER COMPONENTS

INGREDIENTS	% Weight	EXPOSURE LIMITS		CAS NO.
		OSHA PEL	ACGIH TLV	
Acetone	5 - 10		750	67-64-1
Methyl Acetate	70 - 90		unk	79-20-9
Propane / n-butane blend	10 - 30	800		68476-86-8

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACTS OF 1968 AND OF 40 CFR 372. SEE SECTION X FOR SPECIFIC MATERIALS.

SECTION III - PHYSICAL DATA

APPEARANCE / ODOR : Translucent liquid with sweet ether odor

BOILING POINT : Concentrate only : approx 160 °F SPECIFIC GRAVITY (Water=1) : Conc. only : approx 0.80

VAPOR PRESSURE : @ 70 °F = 30-50 psig

VAPOR DENSITY (Air=1) : > 1

SOLUBILITY IN WATER : Insoluble

PERCENT VOLATILE by weight : < 98 %

EVAPORATION RATE (Ethyl Ether=1) : < 1

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION : Extremely flammable aerosol per ASTM D-3065-77 Flame Extension Test

FLAMMABLE LIMITS : LEL : Not Established UEL : Not Established

FLASH POINT : Concentrate only: Approx 15 °F Propellant only: Approx Minus (-) 135 °F

SPECIAL FIRE FIGHTING PROCEDURES: Keep aerosol containers cooled with water fog to prevent bursting.

EXTINGUISHING MEDIA : Foam, CO₂, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS : Contents under pressure. Exposure of aerosol cans to temp above 120°F may cause bursting.

SECTION V – HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: INHALATION : YES DERMAL : YES INGESTION : YES

EFFECTS OF OVEREXPOSURE :

SKIN : Redness, irritation and defatting of skin,.

EYES : Redness, irritation and tearing.

INHALATION : Respiratory irritation, dizziness, weakness.

INGESTION : Gastrointestinal irritation, nausea, vomiting, diarrhea.

CARCINOGENICITY :

NTP : NO

IARC : NO

OSHA : NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE : Not determined.

EMERGENCY AND FIRST AID PROCEDURES :

SKIN : Thoroughly with soap and water. Consult Physician if irritation persists.

EYES : Flush immediately with water for 15 minutes. Consult Physician if irritation persists.

INHALATION : Move to fresh air. Get medical attention if irritation persists.

INGESTION : Get immediate medical attention.

SECTION VI - REACTIVITY DATA

STABILITY : Stable

CONDITIONS TO AVOID : Temperatures above 120 °F

HAZARDOUS DECOMPOSITION BY-PRODUCTS : Carbon Monoxide, Carbon Dioxide

INCOMPATIBILITY : Strong oxidizers

HAZARDOUS POLYMERIZATION : Will not occur

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED : Large spills are unlikely due to aerosol packaging. Ventilate area. Soak up with absorbent material and dispose of accordingly.

WASTE DISPOSAL METHOD : When disposing of spent containers, do not puncture or incinerate. Dispose of in accordance with local, state, and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION : Use NIOSH approved self-contained breathing apparatus if TLV is exceeded.

VENTILATION : Sufficient local or mechanical ventilation to maintain vapor concentrations below TLV.

PROTECTIVE GLOVES : Solvent resistant.

EYE PROTECTION : Safety glasses with chemical splash-proof side shields, chemical goggles and/or face shield.

OTHER PROTECTIVE CLOTHING AND EQUIPMENT : Sufficient to prevent skin contact.

SECTION IX – SPECIAL PRECAUTIONS

Keep out of reach of children. Avoid contact with skin, eyes or clothing. Avoid prolonged or repeated exposure to vapors. Do not store at temperature exceeding 120°F. Do not use or store around sources of heat, sparks or open flames. Do not puncture or incinerate.

SECTION X – SUPPLEMENTARY INFORMATION

SARA TITLE III : RATING SCALE: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

HMS CLASSIFICATION : HEALTH : 2 FLAMMABILITY : 3 REACTIVITY : 0

NFPA CLASSIFICATION : HEALTH : 2 REACTIVITY : 0 FIRE : 3

Periodically, user should request new MSDS to assure it matches current formulation. The above information is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use or misuse are beyond our control, no warranty is made either express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.

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