

# MATERIAL SAFETY DATA SHEET

ISO 9001-2008  
FM 70321

<b>PRODUCT NAME: 475 RED</b>	<b>DATE: 11-14-1997</b>
<b>HMIS CODES: H=2, F=1, R=0, P=X</b>	<b>DATA SHEET # 489</b>
	<b>LATEST REVISION DATE: 8-02-2010</b>

-----**SECTION 1 - MANUFACTURER IDENTIFICATION**-----

**MANUFACTURER'S NAME:** RYVEC, INC.  
**ADDRESS:** 251 E. PALAIS ROAD, ANAHEIM, CA. 92805-6239  
**EMERGENCY PHONE:** (714) 520-5592  
**INFORMATION PHONE:** (714) 520-5592

-----**SECTION 2 - HAZARDOUS INGREDIENTS**-----

<b>HAZARDOUS COMPONENTS:</b>	<b>CAS #</b>	<b>TLV (ACGIH)</b>	<b>OSHA PEL</b>
LIGHT PARAFFINIC OIL EXTRACT	64742-05-8	0.2 mg/m <sup>3</sup>	0.2 mg/m <sup>3</sup>

-----**SECTION 3 - PHYSICAL DATA**-----

<b>APPEARANCE AND ODOR:</b> RED LIQUID, MILD ODOR	<b>SOLUBILITY IN WATER:</b> INSOLUBLE
<b>SPECIFIC GRAVITY:</b> 1.77 (H <sub>2</sub> O=1)	<b>% VOLATILE BY WEIGHT:</b> LESS THAN .01 @ 25°C.
<b>VAPOR DENSITY:</b> N/A	

-----**SECTION 4 - FIRE & EXPLOSION HAZARD DATA**-----

**FLASH POINT:** ASTM D93 >318° F.  
**FLAMMABLE LIMITS:** N/A  
**EXTINGUISHING MEDIA:** CO<sub>2</sub>, DRY CHEMICALS, FOAM.  
**SPECIAL FIREFIGHTING PROCEDURES:** WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING EQUIPMENT.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** EMPTY DRUMS THAT CONTAIN RESIDUAL MATERIAL, WHICH MAY DECOMPOSE TO EMIT TOXIC OR IRRITATING GASSES IF BURNED.

-----**SECTION 5 - REACTIVITY DATA**-----

**STABILITY:** STABLE

**INCOMPATIBILITY:** STRONG OXIDIZING AGENTS AND ALKALIS., HYDROGEN PEROXIDE & BROMINE.

**HAZARDOUS DECOMPOSITION:** CARBON MONOXIDE (CO), CARBON DIOXIDE (CO<sub>2</sub>), OXIDES OF SULFUR.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

-----**SECTION 6 - HEALTH HAZARD DATA**-----

**INHALATION:** AT ROOM TEMPERATURE, VAPORS ARE MINIMAL. MAY CAUSE RESPIRATORY SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS. IF HEATED, EXCESSIVE CONCENTRATIONS ARE ATTAINABLE THAT COULD BE HAZARDOUS ON SINGLE EXPOSURE.

**SKIN:** PROLONGED OR REPEATED EXPOSURE MIGHT CAUSE SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION IN SUSCEPTIBLE INDIVIDUALS.

**EYE CONTACT:** MAY CAUSE SLIGHT EYE IRRITATION.

**HEALTH HAZARDS (ACUTE & CHRONIC):** HAZARDOUS INGREDIENTS LISTED HAVE BEEN KNOWN TO CAUSE CANCER IN LAB ANIMALS UNDER EXTREME CONDITIONS.

**CARCINOGENICITY:** OSHA YES IARC YES

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** RESPIRATORY SYMPTOMS ASSOCIATED WITH PRE-EXISTING LUNG DISORDERS.

**EMERGENCY & FIRST AID PROCEDURES:** FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. IF AFFECTED BY VAPORS, REMOVE PATIENT TO FRESH AIR; GET MEDICAL ATTENTION IF NECESSARY. IF SWALLOWED, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

-----**SECTION 7 - SPILLS OR LEAK PROCEDURES**-----

**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:** CONTAIN SPILL & SOAK IT UP WITH AN ABSORBANT MATERIAL, SUCH AS EARTH, SAND OR VERMICULATE; SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS. IF SPILLED IN WATER, REMOVE BULK OF THE PRODUCT BY SKIMMING. IF SPILLED INTO NAVIGABLE WATER WAY, AND A FILM, SHEEN OR DISCOLORATION OF ANY WATER SURFACE IS NOTED, THE SPILL MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER BY CALLING (800) 424-8802.

**WASTE DISPOSAL METHOD:** DISPOSE OF WASTE MATERIALS IN LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:** WASH AFTER HANDLING. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN OR BREATHING OF VAPORS, MISTS OR FUMES. KEEP CONTAINERS TIGHTLY CLOSED. AVOID STRONG OXIDIZERS. ELIMINATE ALL SOURCES OF IGNITION SUCH AS FLAMES OR SPARKS.

-----**SECTION 8 - PROTECTION INFORMATION**-----

**RESPIRATORY PROTECTION:** PROVIDE EFFECTIVE VENTILATION TO DRAW VAPORS OR FUMES AWAY FROM WORKERS. IN THE ABSENCE OF PROPER VENTILATION, USE AN APPROVED NIOSH/OSHA ORGANIC TYPE RESPIRATOR.

**VENTILATION:** ALL THERMOPLASTIC MATERIALS WILL EMIT FUMES AND OR VAPORS WHEN HEATED. USE ADEQUATE EXHAUST TO MAINTAIN EXPOSURE BELOW LIMITS.

**PROTECTIVE GLOVES:** USE NATURAL RUBBER OR NEOPRENE GLOVES.

**EYE PROTECTION:** EYE WASH STATION SHOULD BE AVAILABLE. GOGGLES ARE RECOMMENDED FOR ALL INDUSTRIAL WORK AREAS.

**PROTECTIVE CLOTHING:** LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

-----SECTION 9 - SHIPPING DATA-----

D.O.T. LABELS REQUIRED (CFR172.101-102): NONE

D.O.T. PLACARDS REQUIRED (CFR172.504): NONE

-----SECTION 10 - SARA TITLE III REGULATORY INFORMATION-----

**SECTION 313 (TITLE III SUPERFUND AMENDMENT AND REAUTHORIZATION ACT)**

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

**CALIFORNIA PROPOSITION 65** - THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIF. TO CAUSE CANCER. THE PRODUCT CONTAINS AROMATIC EXTRACT.

**TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS**

ALL OF THE INGREDIENTS OF THIS MATERIAL HAVE BEEN REPORTED TO THE U.S. EPA, AND ARE INCLUDED IN THE TSCA CHEMICAL INVENTORY.

**INTERNATIONAL CHEMICAL INVENTORIES**

THE INGREDIENTS OF THIS PRODUCT ARE ALL ON THE FOLLOWING CHEMICAL SUBSTANCES INVENTORIES, ARE EXEMPT FROM THE INVENTORIES, OR ARE OTHERWISE COMPLIANT WITH INVENTORY REQUIREMENTS OF THE GOVERNING AGENCY:

EINECS (Europe), DSL/NDSL (Canada), AICS (Australia), ECL (Korea), MITI/ENCS (Japan), IECSC (China)

ALL INGREDIENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH EC REGULATION 1907/2006 (REACH)

**HMIS RATINGS:**

<u>HEALTH</u>	<u>FLAMMABILITY</u>	<u>REACTIVITY</u>
2	1	0

0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS 4=SEVERE

-----COMPOSITION/INFORMATION ON INGREDIENTS-----

CHEMICAL NAME	CAS NUMBER
Red Pigment	1309-37-1
Dispersing Agent	Proprietary
Oil Extract	64742-05-8

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