

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	HYDRAULIC OIL DYE R525
National Stock Number	6850PR525
CAGE Code	HL121
Part Number Indicator	A
MSDS Number	188552
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	BECKER-UNDERWOOD INC. (R & R PRODUCTS)
Street	801 DAYTON AVE
City	AMES
State	IA
Country	US
Zip Code	50010
Emergency Phone	800-424-9300 CHEMTREC
Information Phone	515-232-5907

MSDS Preparer's Information

Street	3334 E MILBER STREET
City	TUCSON / 520-294-1045
State	AZ

Zip Code	85714
Date MSDS Prepared/Revised	18MAR92
Active Indicator	N

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	DEEP RED COLOR, AROMATIC ODOR
Boiling Point	379 F
Melting Point	NR
Vapor Density	> AIR
Specific Gravity	0.9
Evaporation Rate	< ETHER
Solubility in Water	INSOLUBLE
Container Type	R
Container Pressure Code	1
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point	135
Flash Point Method	PMCC
Lower Explosion Limit	NA
Upper Explosion Limit	NA
Extinguishing Media	FOAM, CO2, DRY CHEMICAL
Special Fire Fighting Procedures	WEAR SCBA AND IMPERVIOUS CLOTHING
Unusual Fire/Explosion Hazards	NONE EXPECTED

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	EXTREME HEAT, EXPOSURE TO OPEN FLAMES
Materials to Avoid	STRONG OXIDIZING AGENTS AND REDUCING AGENTS
Hazardous Decomposition Products	CO2, CO, NOX, ACRID SMOKE AND FUMES
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	[INHAL] CAN CAUSE IRRITATION TO THE NOSE, THROAT AND THE UPPER RESPIRATORY. [SKIN/EYE] CAN CAUSE IRRITATION [INGEST] CAN CAUSE SEVER GASTROINTESTINAL DISTRESS AND VOMITING
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	THIS PRODUCT OR ITS COMPONENTS ARE NOT LISTED BY NTP, IARC, OR REGULATED BY OSHA AS CARCINOGENS
Symptoms of Overexposure	SEE ABOVE
Medical Cond. Aggrevated by Exposure	NONE KNOWN
Emergency/First Aid Procedures	[INHAL] REMOVE TO FRESH AIR. IF DIFFICULTY IN BREATHING ADMINISTER OXYGEN AND GET IMMEDIATE MEDICAL ATTEN [INGEST] DO NOT INDUCE VOMITING. GET IMMEDIATE MED ATTEN. [EYE] WASH WITH FLOWING WATER FOR AT LEAST 15 MIN. GET IMMEDIATE MED ATTEN. [SKIN] WASH AFFECTED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	[SMALL] STOP DISCHARGE AND CONTAIN. RECOVER WITH CIMMERCIAL SORBENTS OR OTHER INERT MATERIAL. [LARGE] STOP DISCHARGE AND CONTAIN SPILL USING DIKE OR BARRIER. RECOVER MATERIAL WITH VACCUM TRUCK OR OTHER MEANS
Neutralizing Agent	NR
Waste Disposal Method	BURN OR INCINERATE ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS
Handling and Storage Precautions	USE UNDER VENTILATED CONDITIONS. FOR PERSONAL PROTECTION, WE RECOMMEND WASHING THOROUGHLY AFTER HANDLING PRODUCT
Other Precautions	NONE

SECTION VIII - Control Measures

Respiratory Protection	NOT TYPICALLY REQUIRED
Ventilation	EFFICIENT EXHAUST VENTILATION SHOULD ALWAYS BE PROVIDED TO DRAW VAPORS AWAY FROM WORKERS
Protective Gloves	IMPERVIOUS
Eye Protection	SAFETY GLASSES
Other Protective Equipment	AS NEEDED TO PREVENT SKIN CONTACT
Work Hygienic Practices	USE GOOD INDUSTRIAL PRACTICES WHEN HANDLING THIS MATERIAL
Supplemental Health/Safety Data	NR

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	TARGET ORGANS: EYE, LIVER, HEMATOPOIETIC SYSTEM

SECTION X - Transportation Data

Container Quantity	16
Unit of Measure	OZF

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	2.3
Volatile Organic Compounds (G/L)	275.6293

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	SOLVENT RED 164
CAS Number	71819517
Proprietary	NO

Percent	23.52
OSHA PEL	NE
ACGIH TLV	NE
Ingredient #	02
Ingredient Name	PETROLEUM HYDROCARBON
CAS Number	64742536
Proprietary	NO
Percent	30
OSHA PEL	5 MG/M3
ACGIH TLV	5 MG/M3
