

U.S. Department of Labor
MATERIAL SAFETY DATA SHEET

SECTION I

Manufacturer's Name: MANU-SPEC - RITE*LOK
Address: 23802 FM2978 - BLDG.#C-2, TOMBALL, TX 77375

Emergency Telephone Numbers:
CHEMTREC: 1-800-424-9300
INTERNATIONAL: 281-351-9889

Chemical name and synonyms: ACETONE BLEND
Chemical family: MIXTURE

Trade name and synonyms: RiteLok AC 64
Formula: N/A

HMIS: Flammability: SERIOUS(3) Health: MODERATE(2) Reactivity: Minimal(0)

SECTION II-HAZARDOUS INGREDIENTS

Hazardous Mixtures of Other Liquids, Solids, or Gases

	Listed as a carcinogen				
	CAS NO	%	IARC	NTP	OSHA
ACETONE	67-64-1	95-100	NO	NO	NO
MINERAL SPIRITS	8052-413	0.1-1	NO	NO	NO
COPPER CARBOXYLATES	MIXTURE	0.1-1	NO	NO	NO
TRICHLOROETHANE*	71-55-6	0.1-1	NO	NO	NO

*Section 313 toxic chemical

SECTION II-PHYSICAL DATA

Boiling point: 133°F
Vapor Pressure: 181 mm Hg @ 70°F
Vapor Density: (Air=1) 2.0
Solubility in Water: 95%
Appearance: clear liquid

Specific Gravity: >0.684 @ 77 F (H2O = 1)
Percent Volatile, by volume: 100%
Evaporation Rate: > 7.0, Compared to butyl Acetate = 1
Color: Green
Odor: Ketone

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point: 1.4°F (method used-T.C.C.) Flammable Limits: LEL: 2.5% UEL: 12.8%
Extinguishing Media: CO2, FOAM, DRY CHEMICAL
Special Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING GEAR & PROTECTIVE CLOTHING.
Unusual Fire and Explosion Hazards: DIRECT WATER JET WILL SPREAD BURNING MATERIAL. COMBUSTION PRODUCTS ARE VERY TOXIC & HIGHLY IRRITATING. COOL SEALED DRUMS WITH WATER SPRAY TO LESSEN CHANCE OF RUPTURE. CONTAINER EXPLOSION CAN OCCUR, VAPOR FORMS EXPLOSIVE MIXTURE IN AIR.

SECTION V-HEALTH HAZARD DATA

Threshold Limit Value: TWA,750 PPM; STEL 1,000 PPM (ACGIH)
Effects of Overexposure: INGESTION-IF SIGNIFICANT QUANTITY INGESTED, CAN CAUSE GASTROENTERIC IRRITATION, NARCOSIS AND INJURY TO THE KIDNEYS. INHALATION-VAPOR CONCENTRATIONS ABOVE 2,500 PPM MAY CAUSE NAUSEA, HEADACHE, DIZZINESS, CONVULSIONS AND COMA. SKIN AND EYES-IRRITATION ON CONTACT. MAY CAUSE SKIN ERYTHEMA.
Emergency and First Aid Procedures: INGESTION-DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR (OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED). OBTAIN MEDICAL ATTENTION SKIN-WASH WITH SOAP AND WATER. EYES-FLUSH WITH PLENTY OF WATER, CONTACT A PHYSICIAN.

SECTION VI-REACTIVITY DATA

Stability: STABLE. EXTREMELY FLAMMABLE LIQUID AND VAPORS, AVOID ALL POSSIBLE SOURCES OF IGNITION.
Incompatibility (Materials to avoid): STRONG OXIDIZERS.
Hazardous Decomposition Products: CUMBUSTION YIELDS CARBON MONOXIDE AND/OR CARBON DIOXIDE.
Hazardous Polymerization: WILL NOT OCCUR.

SECTION VII-SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: ELIMINATE ALL SOURCES OF IGNITION IN THE SPILL AREA. PERMIT ONLY PROPERLY PROTECTED WORKERS WITH SKIN & EYE PROTECTION AND SELF CONTAINED BREATHING GEAR. ABSORB SMALL SPILLS WITH ABSORBENT MATERIAL, PUMP LARGE SPILLS INTO SALVAGE TANKS. TREAT AS HAZARDOUS WASTE.
Waste disposal method: RCRA HAZARDOUS WASTE U002 AND D001. INCINERATE IN ACCORDANCE WITH EPA AND LOCAL REGULATIONS.

SECTION VIII-SPECIAL PROTECTION INFORMATION

Respiratory protection (type): ABOVE TLV. NIOSH APPROVED RESPIRATOR.
Ventilation: LOCAL EXHAUST RECOMMENDED.
Protective Gloves: NATURAL RUBBER OR NEOPRENE GLOVES
Eye Protection: CHEMICAL SPLASH GOGGLES RECOMMENDED.
Other protective equipment: PROTECTIVE PLASTIC OR RUBBER APRON.

SECTION IX-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: KEEP AWAY FROM HEAT, SPARKS AND FLAME. STORE IN A COOL DRY PLACE. AVOID CONTACT WITH EYES, AVOID VAPOR.
Other precautions: KEEP CONTAINER CLOSED WHEN NOT IN USE, KEEP IN WELL VENTILATED AREA.

SECTION X-TRANSPORTATION INFORMATION

Dot (49 CFR 172) UN#: 1090
Proper Shipping Name: ACETONE SOLUTION Packaging Group: II
Hazard Classification: 3 Hazard Label Required: Flammable Liquid

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