

MATERIAL SAFETY DATA SHEET

CHEMSPEC ® • 901 N. NEWKIRK STREET • BALTIMORE, MD 21205 • (410) 675-4800

HEALTH = 2, FLAMMABILITY = 2, REACTIVITY = 0, SPECIAL = NONE, DEGREE OF HAZARD: 4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 = INSIGNIFICANT

PRODUCT NAME: **COLORFAST FOR RUGS**

DOCUMENT CODE: Colorfast For Rugs

CHEMICAL FAMILY: Mixture

DATE: 12/09/94

DATE REVIEWED: 08/11/99

EMERGENCY 24-HOUR TELEPHONE # 1-800-424-9300 (CHEMTREC)

N/A = Not applicable

N/D = Not determined

SECTION I: HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA

This product has not been tested as a whole for health effects on animals or humans. According to the OSHA Hazardous Communications Standard (29 CFR 1910.1200) any hazardous ingredients that comprise >1.0% of the material and any carcinogenic ingredients that comprise >0.1% must be listed on the MSDS.

SECTION I (a): List of carcinogenic ingredients at >0.1%.

None.

SECTION I (b): List of hazardous ingredients at >1.0%.

| NAME | CAS NO. |
|---|----------------|
| GLYCOLIC ACID | 79-14-1 |
| May cause burns and ulceration of eyes. May cause severe skin irritation and burns upon prolonged exposure. Inhalation may cause nose, throat, and lung irritation. Ingestion may cause burns and/or perforation of the gastrointestinal tract. OSHA PEL and ACGIH TLV not available. Manufacturer's Acceptable Exposure Limit is 10 mg/m ³ , 8 & 12 hr. TWA. | |
| ETHANOL | 64-17-5 |
| May cause eye irritation and injury. May cause skin irritation. Inhalation may cause respiratory irritation and CNS effects. Ingestion can cause irritation, nausea, vomiting and diarrhea. Symptoms may be delayed 6-30 hours. Aspiration may lead to chemical pneumonitis. Overexposure may effect the liver, kidney, eye, lung, brain and nervous system. IARC has determined that consumption is associated with birth defects and over time can cause cancer. OSHA PEL and ACGIH TLV are 1000 ppm. | |

SECTION II: EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water for at least 15 min. Consult physician.
 SKIN: Remove contaminated clothing. Thoroughly wash exposed skin with soap and water.
 INHALED: Remove to fresh air. If symptoms persist consult physician.
 INGESTION: Do not induce vomiting. Drink 2 glasses of water and get prompt medical attention.
 PHYSICIAN: Treatment based on judgment of attending physician. Danger of lung aspiration must be weighed against toxicity of mixture.

SECTION III: PHYSICAL / CHEMICAL DATA

| | |
|--|------------------------------------|
| APPEARANCE AND ODOR: Clear light yellow liquid with floral odor. | WATER SOLUBILITY, % BY WT: 94 - 96 |
| SPECIFIC GRAVITY: 1.10 - 1.11 | pH @ USE: 2.5 - 3.5 |
| pH: 2.0 - 3.0 | BOILING POINT: N/D |
| % VOLATILE BY WT.: 81 - 83 | |
| WT/GAL: 9.2 lbs. | |

SECTION IV: FIRE AND EXPLOSION DATA

FLASH POINT: 115 degrees F (TCC) AUTO-IGNITION TEMPERATURE: N/D
 EXPLOSIVE LIMITS - LEL: N/D UEL: N/D
 EXTINGUISHING MEDIA: Foam, CO₂, water fog or dry chemical.
 SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained positive-pressure breathing apparatus and protective clothing where this material is involved in a fire.
 UNUSUAL FIRE AND EXPLOSION HAZARD: Combustible, keep away from heat or sources of ignition.

SECTION V: REACTIVITY DATA

STABILITY: Stable HAZARDOUS POLYMERIZATION: Will not occur. INCOMPATIBILITY: Strong oxidizing agents.
 HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS: Possibly CO, CO₂, aldehydes and unidentified organic compounds.

SECTION VI: SPILLS, LEAKS AND DISPOSAL PROCEDURES

WASTE DISPOSAL: In accordance with Federal, State and Local regulations.
 NEUTRALIZING CHEMICALS: Solution of baking soda or limewater.

SECTION VII: PROTECTION MEASURES

VENTILATION: Local exhaust or dilution ventilation may be necessary in poorly ventilated areas.
 EYE PROTECTION: Safety glasses.
 RESPIRATORY PROTECTION: When adequate ventilation cannot be achieved, use NIOSH/MSHA approved respirator equipped with organic vapor cartridges.
 GLOVES: Rubber gloves. OTHER PROTECTIVE EQUIPMENT: Body-covering clothing should be worn.

SECTION VIII: SPECIAL PRECAUTIONS

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.