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Material Safety Data Sheet

TRIPHENOL R/256

Date of New Version: 06/01
Replaces Version: 06/00
Manufacture's Name: Alharma, Inc.
Manufacture's Address: 1301 Iowa Avenue, Longmont, CO 80501 USA
Emergency Telephone: 800-678-7112 CHEMTREC 24 hour: 1-800-424-9300

SECTION 1 - HAZARDOUS INGREDIENTS/IDENTITY

Product Name: Tri-Phenol R/256
CAS Number:
Hazardous Components:
ortho-Phenylphenol 11.00% by wt. 90-43-7
ortho-Benzyl-para-chlorophenol 6.00% by wt. 1020-32-1
para-tertiary-Amyphenol 4.00% by wt. 80-46-6

SECTION 2 - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point: 180 °F
Vapor Pressure (MM HG at 68 °F): 33.0
Vapor Density (air=1): 2.1
Specific Gravity: 1.07
Percent Volatile by Volume: 64.07%
Evaporation Rate (butylacetate=1): 2.8
Solubility in Water: Soluble
Appearance and Odor: Color varies between amber and purple upon aging; (color variance has no relationship to microbiological performance or cleaning ability); pleasant citrus odor.
Freezing Point: N/A

SECTION 3 - FIRE AND EXPLOSION DATA

Flash Point: COC=200 °F; PMCC=105 °F
Extinguishing Media: Use water spray (fog), dry chemical or carbon dioxide. Water spray may be used to cool containers and keep exposed material from being damaged by fire.
Special Fire Fighting Procedures: Firefighters must wear self-contained breathing apparatus or air masks. Containers exposed to fire should be kept cool with water spray.
Unusual Fire and Explosion Hazard: Closed containers may explode due to build up of pressure when exposed to extreme heat.

SECTION 4 - REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
Materials to Avoid/Incompatibility: Strong oxidizers.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: None known.
Carcinogenicity: Not known to be a carcinogen

SECTION 5 - HEALTH HAZARD DATA

Threshold Limit Value: None established.
Route(s) of Entry: Inhalation, ingestion, skin contact, eye contact.

Health Hazards (acute and chronic):

Inhalation: Prolonged exposure to concentrate may cause minor respiratory discomfort.
Ingestion: Material can be harmful if ingested in quantity. The acute oral LD/50 for albino rats is 3,690 mg/kg of body weight.
Skin Contact: Exposure to product in concentrated form may cause severe irritation. Concentrate produced an irritation score of 5.6. The product, when diluted at 1:128, produced 0 skin irritation.
Eye Contact: Exposure to product in concentrated form may cause severe irritation.

Emergency and First Aid Procedures: Remove from exposure. Remove contaminated clothing.

Inhalation: Remove affected individual to fresh air.
Ingestion: Promptly drink large quantities of water. Avoid alcohol. Call physician.
Skin Contact: Wash thoroughly with soap and water. Apply moisturizing lotion.
Eye Contact: Flush with water for 15 minutes lifting upper and lower lids occasionally. Call Physician.

SECTION 6 - PROTECTION INFORMATION AND PRECAUTIONS FOR HANDLING AND USE

Action to be taken in case of spills: Contain all of the spill, use absorbing material, containerize and wash residue with plenty of water.
Waste Disposal Method: Dispose of the waste in compliance with all Federal, State and Local regulatory agency requirements.
Container Disposal: Plastic - Triple rinse then offer for recycling or reconditioning.
Other Precautions: Store in plastic or fiberglass containers. Keep the containers closed and store away from heat. Always label the container properly and clearly. Do not cut, weld or puncture container. Do not contaminate water, food or feed by storage or disposal.

SECTION 7 - CONTROL MEASURES

Respiratory: In case of mist or vapor protection, wear NIOSH/MSHA respirator.
Ventilation: Local exhaust must be provided.
Skin: Rubber gloves and normal working clothes.
Eye Protection: Safety goggles.
Other Protective Equipment: Eyewash, safety showers and other protective clothing.

SECTION 8 - OTHER INFORMATION

Additional Information: Although the information and recommendations set forth herein (Hereinafter "information") are presented in good faith and believed to be correct as of the date thereof Alpha makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will Alpha be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers.