

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 49 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
<b>NFPA Rating:</b> Health-1; Flammability-0; Reactivity-0; Special- -			<b>HMS Rating:</b> Health-1; Flammability-0; Reactivity-0; Personal Protection-B			
Manufacturer's Name: <b>RITE-KEM, INC.</b> Address: 703 Westmoreland Dr Tupelo, MS 38803-3454  CAGE 0VVNO GSA GS-07F-0283J			<b>DOT Hazard Classification:</b> Non-Hazardous  <b>Identity</b> (trade name as used on label): <b>ANTIFOGGING COMPOUND</b>			
Date Prepared: 10/10/2007		Prepared By: ML		NSN: 6850-00-754-2672      Revision – 4		
Information Calls: (662)840-6060 / (800)841-5351			NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA			
<b>EMERGENCY RESPONSE NUMBER: 1(800)424-9300</b>						
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ISOPROPANOL		67-63-0		400	400	d
Percentages and non-hazardous ingredients are trade secrets						
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> Est. 212°F			<b>Specific Gravity</b> (H <sub>2</sub> O=1): 0.995			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A			<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D			
<b>Vapor Density</b> (Air = 1): N/D			<b>Evaporation Rate</b> (water = 1): Not known			
<b>Solubility in Water:</b> Miscible			<b>Water Reactive:</b> No			
<b>Appearance and Odor:</b> Clear to cloudy liquid with slight odor of alcohol.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature None		Flammability Limits in Air by % in Volume: % LEL: N/A      % UEL: N/A		
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): None to boiling (TCC)			<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Use procedures applicable to surrounding fire.			
<b>EXTINGUISHER MEDIA:</b> Use media compatible with surrounding fire.						
<b>Unusual Fire &amp; Explosion Hazards:</b> None known.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
<b>Incompatibility</b> (Mat. to avoid): Strong oxidizing agents.			<b>Conditions to Avoid:</b> None			
<b>Hazardous Decomposition Products:</b> Oxides of carbon, unidentified organic compounds.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b> SYSTEMIC OVEREXPOSURE: Headache, dizziness, nausea, incoordination, drowsiness & loss of consciousness.						
<b>Inhalation:</b> Extremely high concentrations of vapor, mist or liquid contact can irritate respiratory tract & may cause bronco-pneumonia or pulmonary edema.						
<b>Eye Contact:</b> Liquid or vapor contact can cause irritation.			<b>Skin Contact:</b> Prolonged or repeated contact can cause dryness & irritation.			
<b>Ingestion:</b> May cause nausea, vomiting & abdominal pain. If vomiting occurs, aspiration of vomitus into lungs can cause bronco-pneumonia or pulmonary edema.						
<b>CHRONIC EFFECTS:</b> None known.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> May add to pre-existing irritation.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for 15 minutes holding lids open. Get medical attention.						
<b>Skin Contact:</b> Remove contaminated clothing. Wash with soap and water. If persistent irritation occurs, get medical attention.						
<b>Inhalation:</b> Remove to fresh air and provide oxygen or artificial respiration if needed. Get medical attention.						
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> None generally needed under normal handling and use conditions.						
<b>Protective Gloves:</b> Rubber or PVC.			<b>Eye Protection:</b> Safety glasses or chemical goggles.			
<b>Ventilation Requirements:</b> Not generally needed under normal handling and use conditions. If needed, use explosion-proof ventilation.						
<b>Other Protective Clothing &amp; Equipment:</b> Clothing as needed to prevent skin contact. Eyewash station and safety shower.						
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Contain spill. Soak up in an inert absorbent & place in leak-proof containers. Seal containers & label properly for legal disposal.						
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.						
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Protect from extreme heat and cold. Shelf life 1 year.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Do not cut, drill or weld on or near full, part full or empty drums.						

**SECTION 8 – TRANSPORTATION INFORMATION**

US Department of Transportation  
Shipping Name: **CLEANING COMPOUND**  
Hazard Class: **NON-HAZARDOUS**  
Label: **NONE**

IMDG:  
Proper Shipping Name: **CLEANING COMPOUND**  
Hazard Classification: **NON-HAZARDOUS**  
International Marine UN Number:  
Packing Group:  
Subsidiary Hazard:  
Subsidiary Packing Group:  
MFAF Table No. :  
EMS No. :  
Flash point (test method)  
IMDG Page Number:  
Label: **NONE REQUIRED**

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only