

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

| IDENTITY AND DISTRIBUTOR'S INFORMATION  |  |   |  |   |                 |                           |
|---|--|---|--|---|-----------------|---------------------------|
| NFPA Rating: Health-1; Flammability-3; Reactivity-0; Special--  |  |   | HMIS Rating: Health-1; Flammability-3; Reactivity-0; Personal Protection-B   |   |                 |                           |
| <b>Manufactured For:</b> AmSan<br><b>Address:</b> Three Parkway North, Suite 120N<br>Deerfield, IL 60015  |  |   | <b>DOT Hazard Classification:</b> ORM-D<br><b>Identity</b> (trade name as used on label):<br><b>RENOWN ODOR NEUTRALIZER PLUS (vanilla)</b> |   |                 |                           |
| Phone: 1-847-607-2300   |  |   | <b>MSDS Number:</b> 207 <b>Revision:</b> 3   |   |                 |                           |
| <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924  |  |   | <b>Date Prepared:</b> 12/03/97 <b>Prepared By:</b> DL  |   |                 |                           |
| <b>NOTICE:</b> JUDGMENT BASED ON INDIRECT TEST DATA   |  |   | <b>Information Calls:</b> (770)422-2071  |   |                 |                           |
| SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION   |  |   |  |   |                 |                           |
| COMPONENTS-CHEMICAL NAMES AND COMMON NAMES<br>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)   |  | CAS Number  | SARA III LIST  | OSHA PEL (ppm)  | ACGIH TLV (ppm) | Carcinogen Ref. Source ** |
| The specific chemical identities of the ingredients of this mixture are considered to be trade secrets and are in accordance with the provisions of section 1910:1200 of Title 29 of the Code of Federal Regulations. |  | NJ TSRN 207<br>OR<br>NJTSRN 10140   |  |   |                 |                           |
|   |  |   |  |   |                 |                           |
|   |  |   |  |   |                 |                           |
|   |  |   |  |   |                 |                           |
| SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS   |  |   |  |   |                 |                           |
| <b>Boiling Point:</b> N/A   |  |   | <b>Specific Gravity</b> (H <sub>2</sub> O=1): Concentrate Only = < 1   |   |                 |                           |
| <b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): 70   |  |   | <b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/A   |   |                 |                           |
| <b>Vapor Density</b> (Air = 1): N/E   |  |   | <b>Evaporation Rate</b> (= 1): N/E   |   |                 |                           |
| <b>Solubility in Water:</b> Soluble   |  |   | <b>Water Reactive:</b> No  |   |                 |                           |
| <b>Appearance and Odor:</b> Clear liquid with fragrance.  |  |   |  |   |                 |                           |
| SECTION 3 - FIRE AND EXPLOSION HAZARD DATA  |  |   |  |   |                 |                           |
| <b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) <b>NON-FLAMMABLE</b>  |  | <b>Auto Ignition Temperature</b><br>N/E   |  | <b>Flammability Limits in Air by % in Volume:</b><br>% LEL: N/E      % UEL: N/E |                 |                           |
| <b>FLASH POINT AND METHOD USED</b> (non-aerosols): N/A  |  | <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Provide shielding for personnel. Wear self-contained breathing apparatus. Cool containers with water fog to prevent rupturing & spewing. |  |   |                 |                           |
| <b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide, water.   |  |   |  |   |                 |                           |
| <b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 130°F or the container may rupture.   |  |   |  |   |                 |                           |
| SECTION 4 - REACTIVITY HAZARD DATA  |  |   |  |   |                 |                           |
| <b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE  |  |   | <b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR  |   |                 |                           |
| <b>Incompatibility</b> (Mat. to avoid): Alkalis, oxidizing materials, amines.   |  |   | <b>Conditions to Avoid:</b> Open flame, welding arcs, heat.  |   |                 |                           |
| <b>Hazardous Decomposition Products:</b> CO, CO <sub>2</sub> .  |  |   |  |   |                 |                           |
| SECTION 5 - HEALTH HAZARD DATA  |  |   |  |   |                 |                           |
| <b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS  |  |   |  |   |                 |                           |
| <b>ACUTE EFFECTS</b> Vapor concentrations around 1000 ppm may cause slight transient irritation to the upper respiratory tract.   |  |   |  |   |                 |                           |
| <b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.  |  |   |  |   |                 |                           |
| <b>Eye Contact:</b> Irritation.   |  |   | <b>Skin Contact:</b> May cause slight irritation.  |   |                 |                           |
| <b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.  |  |   |  |   |                 |                           |
| <b>CHRONIC EFFECTS:</b> (Effects due to excessive exposure to the raw materials of this mixture) May cause mucous membrane irritation, overnight headache, and general weakness.                                      |  |   |  |   |                 |                           |
| <b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing eye, skin, or upper respiratory conditions.  |  |   |  |   |                 |                           |
| EMERGENCY FIRST AID PROCEDURES  |  |   |  |   |                 |                           |
| <b>Eye Contact:</b> Flush with water for 15 minutes. If irritated, seek medical attention.  |  |   |  |   |                 |                           |
| <b>Skin Contact:</b> Wash with soap and water. If irritated, seek medical attention.  |  |   |  |   |                 |                           |
| <b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.  |  |   |  |   |                 |                           |
| <b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.  |  |   |  |   |                 |                           |
| SECTION 6 - CONTROL AND PROTECTIVE MEASURES   |  |   |  |   |                 |                           |
| <b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.  |  |   |  |   |                 |                           |
| <b>Protective Gloves:</b> Latex, if skin easily irritated.  |  |   | <b>Eye Protection:</b> Safety glasses recommended.   |   |                 |                           |
| <b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.  |  |   |  |   |                 |                           |
| <b>Other Protective Clothing &amp; Equipment:</b> None  |  |   |  |   |                 |                           |
| <b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.  |  |   |  |   |                 |                           |
| SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE   |  |   |  |   |                 |                           |
| <b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.                             |  |   |  |   |                 |                           |
| <b>Waste Disposal Methods:</b> Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.  |  |   |  |   |                 |                           |
| <b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 130°F.   |  |   |  |   |                 |                           |
| <b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.  |  |   |  |   |                 |                           |

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