

## SAFETY DATA SHEET

### Anasphere Plus

Date Issued : 12/12/2016  
SDS No : 2500

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Anasphere Plus  
**GENERAL USE:** Disinfectant, Virucide, Fungicide  
**PRODUCT DESCRIPTION:** Disinfectant  
**PRODUCT CODE:** 2500

#### DISTRIBUTOR

Anabec, Inc.  
9393 Main Street, PO Box 433  
Clarence, NY 14031

**E-Mail:** anabec@anabec.com  
info@anabec.com

**Phone:** 716-759-4006  
800-369-8463

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEMTREC (Within the U.S. and Canada) :** (800) 424-9300  
**Poison Control Center (US):** (800) 222-1222

**EPA REG. NO.:** 61178-1-7 2786

#### 2. HAZARDS IDENTIFICATION

##### Classification of the substance or mixture

Skin Corr. 1C

Eye Dam. 1

Acute Tox. 4 (oral)



GHS05 GHS07

Corrosion

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

Skin Corr. 1C H314: Causes severe skin burns and eye damage.

Eye Dam. 1 H318: Causes serious eye damage.

Acute Tox. 4 H302: Harmful if swallowed.

#### PRECAUTIONARY STATEMENTS

P260 Do not breathe mist/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P303+P361+P353+P310 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a poison center / doctor.

P363 Wash contaminated clothing before reuse.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or a doctor/physician.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	2.37	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	2.37	68956-79-6

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

**NOTES TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** None

**HAZARDOUS COMBUSTION PRODUCTS:** Not Established

**EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Established

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store containers away from children. Close container after use.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Store in area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical splash goggles, full face-shield.

**SKIN:** Rubber or other chemical resistant gloves. Rubber boots if used on floors. Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

**RESPIRATORY:** Where danger of mist contact may occur, wear NIOSH approved respiratory protection for mists.

**PROTECTIVE CLOTHING:** None Expected.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild, pleasant

**COLOR:** Clear

**pH:** 11.5 to 12.5

**FLASH POINT AND METHOD:** NA = Not Applicable

**FLAMMABLE LIMITS:** NA = Not Applicable

**VAPOR PRESSURE:** 20

**VAPOR DENSITY:** ~ 1

**BOILING POINT:** 212° F; 100° C

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** ~ 1

**DENSITY:** 8.66

**SPECIFIC GRAVITY:** 1.039 grams/ml.

**VISCOSITY:** Water thin.

## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Oxidizing materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Established

**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	> 1890 mg/kg	> 2000 mg/kg
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	> 500	> 2000

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg male and female rabbits.

**ORAL LD<sub>50</sub>:** > 1890 mg/kg Male and Female rats.

**EYE EFFECTS:** Corrosive to eyes. Permanent damage may occur.

**SKIN EFFECTS:** Severe skin irritant. May cause burns to skin.

### CARCINOGENICITY

**IARC:** None known.

**OSHA:** None known.

**SENSITIZATION:** Not Available

**REPRODUCTIVE EFFECTS:** None known.

**TARGET ORGANS:** None known.

**TERATOGENIC EFFECTS:** Not Available

**MUTAGENICITY:** Not Available

**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** Not Available**ECOTOXICOLOGICAL INFORMATION:** No known significant effects or critical hazards noted.**BIOACCUMULATION/ACCUMULATION:** Not Available**AQUATIC TOXICITY (ACUTE):** Not Established**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Although not a hazardous waste, the discarding or disposal of this material should be done at a properly permitted facility in accordance with the regulations 40CFR 262, 263, 264, and 268. Additionally, the discarding or disposal of this material may be further regulated by state, regional, or local regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated.**ROAD AND RAIL (ADR/RID)****PROPER SHIPPING NAME:** Not regulated.**AIR (ICAO/IATA)****SHIPPING NAME:** Not regulated.**VESSEL (IMO/IMDG)****SHIPPING NAME:** Not regulated.**CANADA TRANSPORT OF DANGEROUS GOODS****SHIPPING NAME:** Not regulated.**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Health - Acute**REACTIVITY:** Yes**313 REPORTABLE INGREDIENTS:** No products were found.**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** No products were found.**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** None**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C14)	68956-79-6

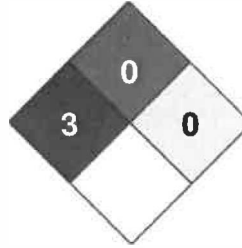
**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)****29 CFR1910.119—PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** No products were found.**CARCINOGEN:** No products were found.**FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):** Regulated**16. OTHER INFORMATION****APPROVED BY:** Nancy Ewing **TITLE:** President

**PREPARED BY:** Kim Hall

**HMIS RATING**

HEALTH	1	3
FLAMMABILITY	0	0
PHYSICAL HAZARD	0	0
PERSONAL PROTECTION	B	

**NFPA CODES**



**MANUFACTURER DISCLAIMER:** This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.