SAFETY DATA SHEET

Anasphere *Plus*™

Date Issued: 12/12/2016
SOS 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 St., PO Box 433
Clarence, NY 14031
E-Mail: anabec@anabec.com
info@anabec.com
Phone:716-759-1674
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.: 61178-1-72786

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+P358 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

14. FIRST AID MEASURES

EVES: 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 advice if irritation persists.

NOTES TO PHYSICIAN: Probable mucosa I damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

HAZARDOUS COMBUSTION PR ODUCTS: Not Established

EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: Not Established j

s. 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.

HAND UNG: 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 googles, full face-shield.

SKIN: Rubber or other chemical resistant gloves. Rubber boots of used on floors. Chemical resistant outerwear (Tyvek) W 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.

I 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

EVAP ORATION RATE: - 1

DENSITY: 8.66

SPECIFIC GRAVITY: 1.039 grams/ml.

VISCOSITY: Water thin.

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLVMERIZATION: No

POLVMERIZATION: Will not occur.

CONDITION'S TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Established

INCOMPATIBLE MATERIALS: Strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD_{50} (rat)	DERMAL LD_{50} (rabbit)
n-Alkyl dimethyl benzyl ammonium chloride (C12-C18)	> 1890 mg/kg	>2000 mg/kg
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride (C12-C 14)	> 500	>2000

DERMAL LD_{50}: >2000 mg/kg male and female rabbits.

ORAL LD_{50}: > 1890 mg/kg Male and Female rats.

EVE EFFECTS: Corrosive to eyes. Permanent damage may occur.

SKIN EFFECTS: Severe skin irritant. May cause bums 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 INFORM ATION

ENVIRONMENTAL DAT A: Not Available

ECOTOXICOLO GICAL INFORM ATION: 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 per mitted facility in accordance with the regulations 4 0CFR 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 INFORM ATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

ROAD AND RAIL {ADR/RID)

PROPER SHIPPING NAME: Not regulated.

AIR (ICAO/IATA)

SHIPPING NAIVE: Not regulated.

VESSEL (IMO /IMDG)

SHIPPING NAME: Not regulated.

CANADA TRANSPORT OF **DANGEROUS GOODS**

SHIPPING NAME: Not regulated.

1s. REGULATORY INFORM ATION

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 SU BSTANCE 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)	689 56-79-6

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 INSE CTICIDE, FUNGI CIDE, AND RODENTICIDE ACT): Regulated

16. OTHER INFORMATION

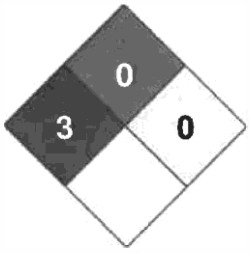
APPROVED BY: Nancy Ewing **TITLE:** President

PREPARED BY: Kim Hall

HMIS RATING



NFPA CODES



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