

Material Safety Data Sheet

I. General Information

Chemical Name & Synonyms:

A COLLOIDAL SILVER-ALLOY DISPERSION

Chemical Family:

SILVER ALGAECIDE

Proper DOT Shipping Name:**Manufacturer:**POOL PRODUCTS PACKAGING CORP., a Division
Of D.F. GOLDSMITH CHEMICAL & METAL CORP.**Manufacturer's Address:**

909 PITNER AVENUE, EVANSTON, IL 60202

Trade Name & Synonyms:

ALGAEDYN

Formula:

PROPRIETARY

DOT Hazard Classification:

NON-HAZARDOUS

Manufacturer's Phone Number:

847-869-7800

Date Last Revised: March 07, 2007

II. Ingredients

Principal Hazardous Components:

CAS NO.: 7761-88-8 OR 7440-22-4

Percent:

0.8

Threshold Limit Value (units):0.01 MG/M³

III. Physical Data

Boiling Point (0F):

212 DEGREES F

Vapor Pressure (mm Hg.):

18.5

Vapor Density (Air = 1):

<1

Solubility in Water:

DISPERSIBLE

Appearance & Odor:

DARK BROWN LIQUID; SLIGHT ODOR

Specific Gravity (H2O x 1):

1.011

Percent Volatile By Volume (%):

97

Evaporation Rate (WATER = 1):**pH:**

6.7

IV. Fire & Explosion Hazard Data

Flash Point (Test Method):

>212 DEGREES F. PMCC

Flammable Limits:

N/A

Extinguishing Methods:

WATER

Unusual Fire & Explosion Hazards:WHEN DRIED MAY REACT WITH ORGANIC REDUCING AGENTS TO PRODUCE A FLAMMABLE OR
EXPLOSIVE PRODUCT**Auto Ignition Temperature:**DECOMPOSES AT 444 DEGREES C.
TO EMIT NO_x**LEL:**

N/A

UEL:

N/A

Special Fire Fighting Procedures:

N/A

V. Health Hazard Data

OSHA Permissible Exposure Limit:AS AIR MIST 8 HOURS 0.01 MG/M³**ACGIH Threshold Limit Value:**0.01 MG/M³**Carcinogen – NTP Program:**

NOT APPLICABLE

Carcinogen – IARC Program:

NOT APPLICABLE

Symptoms of Exposure:

IRRITATING TO SKIN, MUCOUS MEMBRANES AND EYES

Medical Conditions Aggravated by Exposure:

EXCESSIVE EXPOSURE CAN CAUSE COSMETIC DISCOLORATION (ARGYRIA). WASH WELL WITH WATER. CONTACT PHYSICIAN.

Primary Route(s) of Entry:**Emergency First Aid:**

IF SWALLOWED, INDUCE VOMITING. CONTACT PHYSICIAN.

VI. Reactivity Data

Stability: ___ Unstable Stable**Conditions to Avoid:**

EXCESSIVE TEMPERATURES ABOVE 120 DEGREES F.

Incompatibility:**Materials to Avoid:**

ORGANICS, REDUCING AGENTS

Hazardous: ___ May Occur**Polymerization:** Will Not Occur**Conditions to Avoid:****Hazardous Decomposition Products:** DECOMPOSES AT 444 DEGREES C TO EMIT NO_x

VII. Environmental Protection Procedures

Spill Response: CLEAN UP WITH ABSORBENT MATERIAL. RECOVER FREE MATERIAL. DO NOT ALLOW TO ENTER SEWERS OR WATERWAYS. ENVIRONMENTAL HAZARD, CONTACT EPA.**Waste Disposal Method:** CLASSIFIED AS HEAVY METAL. CONTACT STATE AND FEDERAL AUTHORITIES FOR DISPOSAL. EMPTY DRUMS MUST HAVE LABELS. CONTACT EPA FOR NPDES PERMIT FOR DISPOSAL.

VIII. Special Protection Information

Eye Protection: GOGGLES OR FACEMASK**Skin Protection:** ELBOW LENGTH NEOPRENE GLOVES**Respiratory Protection (Specific Type):** NOT NEEDED FOR NORMAL USE**Ventilation Recommended:** LOCAL**Other Protection:** RUBBER OR PLASTIC APRON

IX. Special Precautions

Hygienic Practices in Handling & Storage: DO NOT GET ON SKIN OR CLOTHING. WASH AFTER HANDLING. LAUNDRY CLOTHING. DO NOT STORE DRUMS NEAR ORGANICS OR REDUCING AGENTS.**Precautions for Repair & Maintenance of Contaminated Equipment:** WASH WITH WATER. SEE SECTION VII FOR DISPOSAL.**Other Precautions:** AVOID FREEZING