

ASEPSIS INC -- OMNI CALCIUM HYPOCHLORITE -- 6810-00-255-0472

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Product Identification  
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Product ID:OMNI CALCIUM HYPOCHLORITE

MSDS Date:09/01/1994

FSC:6810

NIIN:00-255-0472

Status Code:A

MSDS Number: CLFWK

=== Responsible Party ===

Company Name:ASEPSIS INC

Box:537

City:AVONDALE ESTATES

State:GA

ZIP:30002

Country:US

Info Phone Num:800-959-7946

Emergency Phone Num:800-424-9300

Preparer's Nam

e:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:GO526

=== Contractor Identification ===

Company Name:ASEPSIS INC

Box:537

City:AVONDALE ESTATES

State:GA

ZIP:30002

Country:US

Phone:800-959-7946

CAGE:GO526

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM HYPOCHLORITE

CAS:7778-54-3

RTECS #:NH3485000

= Wt:57.

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:CALCIUM CHLORATE

CAS:10137-74-3

RTECS #:FN9800000

= Wt:3.

Ingred Name:CALCIUM CHLORIDE

CAS:100

43-52-4  
RTECS #:EV9800000  
= Wt:2.3

Ingred Name:CALCIUM HYDROXIDE  
CAS:1305-62-0  
RTECS #:EW2800000  
= Wt:2.  
OSHA PEL:15 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:CALCIUM CARBONATE  
CAS:471-34-1  
RTECS #:FF9335000  
= Wt:2.

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Effects of Overexposure:EYE CONTACT: HIGHLY CORROSIVE. CAUSES EYE  
DAMAGE. SKIN CONTACT: HIGHLY CORROSIVE. CAUSES SKIN DAMAGE.  
INHALATION: IRRITATING TO  
NOSE AND THROAT. AVOID BREATHING DUST OR  
VAPORS. INGESTION: MAY BE FATAL IF SWALLOWED.

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===== First Aid Measures =====

First Aid:EYE CONTACT: IMMEDIATELY FLUSH WITH COLD WATER FOR AT LEAST  
15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: FLUSH  
SKIN WITH COLD WATER FOR AT LEAST 15 MINUTES. GET MEDICAL  
ATTENTION. INHALATION: REMOVE TO FRESH AIR. CALL A PHYSICIAN  
IMMEDIATELY. INGESTION: DRINK LARGE AMOUNTS OF WATER. DO NOT INDUCE  
VOMITING. CALL A PHYSICIAN.

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===== Fire Fighting Measures =====

Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:NONE  
Lower Limits:NONE  
Upper Limits:NONE  
Extinguishing Media:WATER FOG.  
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE  
CLOTHING AND SELF CONTAINED BREATHING APPARATUS (SCBA).  
Unusual Fire/Explosion Hazard:NEUTRALIZE TO A NON-OXIDIZING MATERIAL  
FOR SAFE DISPOSAL. MATERIAL WHICH APPEARS UNDAMAGED EXCEPT FOR

BEING DAMP ON THE OUTSIDE, SHOULD BE OPENED AND INSPECTED IMMEDIATELY.

===== Accidental Release Measures =====

Spill Release Procedures:USING APPROPRIATE PROTECTIVE CLOTHING AND SAFETY EQUIPMENT, CONTAIN SPILLED MATERIAL. SWEEP AND SCOOP ALL SPILLED MATERIAL. AND PLACE INTO CLEAN DRY CONTAINERS FOR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT MIX WITH OTHER CHEMICALS. MIX ONLY WITH WATER. NEVER ADD WATER TO PRODUCT. ALWAYS ADD PRODUCT TO LARGE QUANTITIES OF WATER. USE CLEAN DRY UTENSILS. STORE IN A COOL, DRY WELL VENTILATED AREA AWAY FROM HEAT OR OPEN FLAME.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

Ventilation:GENERAL ROOM VENTILATION PLUS LOCAL EXHAUST SHOULD BE USED TO MAINTAIN EXPOSURE BELOW TLV.

Protective

Gloves:WEAR RUBBER GLOVES.

Eye Protection:WEAR GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment:FACILITIES STORING OR UTILIZING THIS MATERIAL SHOULD BE EQUIPPED WITH AN EYEWASH AND A SAFETY SHOWER.

Work Hygienic Practices:REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:NONE

Melt/Freeze Pt:=-176.7C, 350.F

Decomp Temp:Decomp Text:NONE

Vapor D

ensity:HEAVIER

pH:11.0.

Evaporation Rate & Reference:SLOWER THAN BUTYL ACETAT

Solubility in Water:18G/100G WATER

Appearance and Odor:WHITE CHLORINE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH WATER ON CONCENTRATED MATERIAL IN THE CONTAINER, AVOID CONTACT WITH EASILY OXIDIZABLE MATERIAL, AMMONIA, UREA, OR SIMILAR NITROGEN CONTAINING COMPOUNDS.

Stability Condition to Avoid:HIGH TEMPERATURE, POOR VE

NTILATION.

CONTAMINATION, MOISTURE/HIGH HUMIDITY.

Hazardous Decomposition Products:HALOGEN CONTAINING GASES CAN BE PRODUCED.

Conditions to Avoid Polymerization:WILL NOT OCCUR UNDER NORMAL CONDITIONS.

===== Disposal Considerations =====

Waste Disposal Methods:PESTICIDE WASTES ARE TOXIC. IMPROPER DISPOSAL OF EXCESS PESTICIDE, SPRAY MIXTURE, OR RINSE IS A VIOLATION OF FEDERAL LAW.

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