

SCIENTIFIC PACKAGING -- DISHWASHING COMPOUND MACHINE, CHLOR GRAN --  
7930-00-140-1179

===== Product Identification =====

Product ID:DISHWASHING COMPOUND MACHINE, CHLOR GRAN

MSDS Date:02/15/1990

FSC:7930

NIIN:00-140-1179

MSDS Number: BKKBX

=== Responsible Party ===

Company Name:SCIENTIFIC PACKAGING

Address:2-8 CENTRAL AVE

City:EAST ORANGE

State:NJ

ZIP:07018

Country:US

Info Phone Num:201-676-3107

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rgency Phone Num:201-676-3107

CAGE:0KXA2

=== Contractor Identification ===

Company Name:SCIENTIFIC PACKAGING

Address:2-8 CENTRAL AVE

Box:City:EAST ORANGE

State:NJ

ZIP:07018

Country:US

Phone:201-676-3107

CAGE:0KXA2

===== Composition/Information on Ingredients =====

Ingred Name:SODIUM HYDROXIDE

CAS:1310-73-2

RTECS #:WB4905000

Fraction by Wt: 20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:SODI

UM METASILICATE ANHYDROUS  
CAS:6834-92-0  
RTECS #:VV9275000  
Fraction by Wt: 10.0%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM DICHLOROISOCYANURATE DIHYDRATE  
CAS:5180-86-0  
Fraction by Wt: 2.25%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM PHOSPHATE, TRIBASIC (SARA III)  
CAS:7758-29-4  
RTECS #:YK4570000  
Fraction by Wt: 30.0%  
Other REC Limits:NONE SPECIFIED  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM CHLORIDE  
CAS:7647-14-5  
RTECS #:VZ4725000  
Fraction by Wt: 37.5%  
Other R  
EC Limits:NONE SPECIFIED

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Medical Cond Aggravated by Exposure:NA

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First Aid Measures  
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First Aid:INHALE: IMMEDIATELY MOVE PERSON TO FRESH AIR. PROVIDE  
RESPIRATORY SUPPORT IF NEEDED. SKIN: RINSE SKIN IMMEDIATELY W/  
WATER. REMOVE CONTAMINATED CLOTHING AND CONTINUE  
TO RINSE. INGEST:  
IMMEDIATELY RINS E MOUTH W/WATER. DRINK A GLASS OF WATEROR MILK. DO  
NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION ON ALL OF THE  
ABOVE.

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Fire Fighting Measures  
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Flash Point:NA  
Lower Limits:NA  
Upper Limits:NA  
Extinguishing Media:NONFLAMMABLE  
Fire Fighting Procedures:WEAR FULL FACE, NIOSH CERTIFIED SELF-  
CONTAINED BREATHING APPARATUS AND IMPERVIOUS CLOTHING WHEN THERE IS  
POTENTIAL EXPOSURE TO FIRE, SMOKE OR F

UMES.

Unusual Fire/Explosion Hazard:CONTAINS SODIUM METASILICATE, REACTS W/SOME METALS PRODUCING HYDROGEN IN AQUEOUS SOLUT. MAY RELEASE CHLORINE,NITROGEN TRICHLORIDE,CYANOGEN CHLORIDE,CO2,AMMONIA.

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

Spill Release Procedures:WEAR GOGGLES, COVERALLS, IMPERVIOUS GLOVES & BOOTS & A NIOSH CERTIFIED GAS MASK WITH A CHLORINE CANISTER. SWEEP UP MATERIAL BEING CAREFUL NOT TO CREATE DUST AND TRANSFER TO AN APPROPRIATE CHEMICAL WAS TE CONTAINER. ISOLATE IN A WELL VENTILATED AREA.

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

Handling and Storage Precautions:STORE IN A COOL DRY PLACE WITH APPROPRIATE VENTILATION.

Other Precautions:WEAR IMPERVIOUS GLOVES, CHEMICAL GLASSES WITH SIDESHIELDS AND IMPERVIOUS APRON. AVOID INHALATION. USE LOCAL EXHAUST AND NIOSH APPROVED DUST MASK. NIOSH CERTIFIED GAS MASK WITH CHLORINE CANISTER SHOULD BE USED WHERE EXPOSURE MAY BE GRAVE.

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

Respiratory Protection:APPROVED GAS MASK WITH CHLORINE CANISTER.

Ventilation:LOCAL EXHUST IS RECOMMENDED.

Protective Gloves:IMPERVIOUS GLOVES RECOMMENDED.

Eye Protection:CHEM GLASSES W/SIDESHIELDS RECOMMENDED.

Other Protective Equipment:IMPERVIOUS APRON.

Supplemental Safety and Health

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

HCC:B3

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:De

comp Text:NA

Vapor Pres:SOLID

Vapor Density:NA

Spec Gravity:0.5-1.5

pH:NA

Viscosity:NA

Evaporation Rate & Reference:NA (BU AC=1)

Solubility in Water:SOLUBLE

Appearance and Odor:FREE FLOWING WHITE POWDER/CHLORINE ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AND REDUCING AGENTS, AMMONIA AND UREA COMPOUNDS AND STRONG ACIDS.

Stability Condition to Avoid:DAMP, VERY HUMID, HOT STORAGE AND CONTACT WITH

STRONG OXIDIZING OR REDUCING AGENTS.

Hazardous Decomposition Products:SMALL AMTS CHLORINE, NITROGEN,  
CYANOGEN CLHLORIDE, CO2 MAY BE RELEASED. MIX W/AMMONIA CMPNDS MAY  
RELEASE CHLORAMINE GAS.

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

Waste Disposal Methods:DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL  
REGULATIONS. FLUSH RESIDUE WITH LARGE AMOUNTS OF WATER.

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