

PRINTSCREEN
ROCKLAND COLLOID LLC
MATERIAL SAFETY DATA SHEET
Trade Name: PRINTSCREEN

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General Information
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Company's Name: ROCKLAND COLLOID LLC
Company's City: OREGON CITY
Company's State: OR
Company's Country: US
Company's Zip Code: 97045
Company's Emergency Phone#:914-413-3000
Date MSDS Prepared: January 10, 2007
Safety Data Review Date: 5/7/13
Unit of Issue: 250 CC'S
Type of Container: PLASTIC BOTTLE

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: Soft Gelatin/Synthetic Colloid Mix (Proprietary)
Ingredient Sequence No.: 1
Ingredient Percent: 9
Hazardous Information: N/V

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Proprietary: NO
Ingredient: Ammonium Hydroxide (SARA III)
Ingredient Sequence No.: 2
Percent: 2
NIOSH (RTECS) Number: BQ9625000
CAS Number: 1336-21-6
OSHA PEL: Not Established
ACGIH TLV: Not Established

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RTECS #: HX7650000
Name: Ammonium Dichromate
Ingredient Sequence No.: 3
Percent by Wt: 0.2
OSHA PEL: SEE TABLE Z-2
CAS Number: 7789-09-5
ACGIH TLV: 0.05 MG/M3
ACGIH STEL: Not Established

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Proprietary: NO
Ingredient: WATER
Ingredient Sequence Number: 4
Percent: BALANCE*
NIOSH (RTECS) Number: ZC0110000
CAS Number: 7732-18-5
OSHA PEL: Not Established
ACGIH TLV: Not Established

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* Bottle may also contain up to 20% of inert color pigment. Pigment is insoluble,
non-toxic, non flammable. Only pigment and gelatin remain after processing.
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Physical/Chemical Characteristics
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Appearance And Odor: Colorless liquid, slight ammonia odor
Boiling Point: >212 F 100 C
Vapor Pressure (MM Hg/70 F): 584

Vapor Density (Air=1): <1
Specific Gravity: .980
Evaporation Rate and Ref: ETHER <1
Percent Volatiles by Volume: 9%

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Fire and Explosion Hazard Data

Flash Point: NONE
Extinguishing Media: THIS PRODUCT NON-COMBUSTIBLE
Special Fire Fighting Proc: NONE
Unusual Fire And Explosive Hazards: Non combustible and non explosive.

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Reactivity Data

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Stability: YES
Materials to Avoid: STRONG ACIDS
Hazardous Poly Occur: NO

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Health Hazard Data

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AMMONIUM HYDROXIDE: Potential skin irritant causing gray splotches, burning of throat, coughing, difficulty breathing, pulmonary congestion.
AMMONIUM BICHROMATE: Corrosive; potential sensitizer (skin); human carcinogen (IARC=1; NTP=known); potential liver and kidney toxin.
Emergency/First Aid Proc: SKIN: FLUSH W/SOAP & WATER.REMOV CONTAM CLOTHING & SHOES.GET MEDICAL ATTN.EYES: FLUSH W/PLENTY OF WATER F/AT LEAST 15 MIN.GET MED ATTN.INHAL: REMOVE TO FRESH AIR.IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, GIVE OXYGEN, GET MEDICAL ATTN: INGESTION: DO NOT INDUCE VOMITING(SUP)

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Precautions for Safe Handling and Use

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Steps If Material Released/Spill: AVOID PHYSICAL CONTACT AND INHALATION OF VAPORS. DILUTE W/ LARGE QUANTITIES OF WATER.
Waste Disposal Method: DILUTED SOLUTION CAN BE DISPOSED OF AS WASTE WATER UNLESS PROHIBITED BY LAW.
Precautions-Handling/Storing: KEEP AWAY FROM STRONG ACIDS;STORE IN COOL AREA W/ADEQUATE VENTILATION. HAVE FLUSHING WATER AVAILABLE.

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Control Measures

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Ventilation: SUFFICIENT TO KEEP NH*3 CONCENTRATION AT LESS.THAN 50 PPM.
Protective Gloves: RUBBER GLOVES
Suppl. Safety & Health Data: EMERGENCY: DRINK COLD MILK(WATER IF MILK MOT AVAIL W/O CAUSING VOMIT.GET MEDICAL ATTN.

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Disposal Data

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Disposal Data Review Date: 14JUN2007
Rec # For This Disp Entry: 01
Total Disp Entries Per NSN: 002
Landfill Ban Item: YES
1st EPA Haz Waste Name New: NOT REGULATED
1st EPA Haz Waste Char New: NOT REGULATED BY RCRA
1st EPA Acute Hazard New: NO

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Label Data

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DOT Proper Shipping
Name:
Not Regulated
Packing Group:
DOT Technical Name: N.A. Hazard Subclass: N.A.

DOT Hazard Class: N.A. DOT UN/NA Number: N.A.