

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BUILDING DEPARTMENT PERMIT

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME
Permit Number: 050198
MAR 10 2005
RECEIVED

This is to certify that Alpine Realty Corp/Wayne B... / Adv...
has permission to Amendment to permit # 0412 rearrang... floor pl...
AT 135 Walton St ... 142 1001001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is laid or occupied. CLOSED-IN. H... NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. [Signature]
Health Dept. _____
Appeal Board _____
Other _____
Department Name _____

[Signature] 3/9/05
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

Permit No: 05-0198	Issue Date: MAR 10 2005	CBL: 142 I001001
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Location of Construction: 135 Walton St	Owner Name: Alpine Realty Corp	Owner Address: 120 Exchange St	Phone:
Business Name: 	Contractor Name: Wayne Brady / Advantage Linen	Contractor Address: P.O. Box 1041 Portland	Phone: 2078074626
Lessee/Buyer's Name: 	Phone: 	Permit Type: Amendment to Commercial	Zone: FM

Past Use: Commercial Laundry	Proposed Use: Amendment to permit # 041240 rearrange floor plan	Permit Fee: 	Cost of Work: \$0.00	CEO District: 4
		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: <i>8FI</i> Type: <i>JO</i> <i>3/9/05</i>	

Proposed Project Description:
Amendment to permit # 041240 rearrange floor plan

Signature: *Wm*

Signature: *[Signature]*

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: Idobson	Date Applied For: 02/25/2005	Zoning Approval
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: <i>ok 3/20/05</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
	<p><i>All previous conditions are still in force</i></p>		

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 05-0198	Date Applied For: 02/25/2005	CBL: 142 I001001
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Location of Construction: 135 Walton St	Owner Name: Alpine Realty Corp	Owner Address: 120 Exchange St	Phone:
Business Name:	Contractor Name: Wayne Brady / Advantage Linen	Contractor Address: P.O. Box 1041 Portland	Phone: (207) 807-4626
Lessee/Buyer's Name	Phone:	Permit Type: Amendment to Commercial	

Proposed Use: Amendment to permit # 041240 rearrange floor plan	Proposed Project Description: Amendment to permit # 041240 rearrange floor plan
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Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 05/28/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>

Dept: Building	Status: Approved with Conditions	Reviewer: Mike Nugent	Approval Date: 03/09/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Same conditions as previous permit apply			

Dept: Fire	Status: Approved	Reviewer: Lt. MacDougal	Approval Date: 03/08/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>

Dept: Zoning	Status: Pending	Reviewer:	Approval Date:
Note:			Ok to Issue: <input type="checkbox"/>

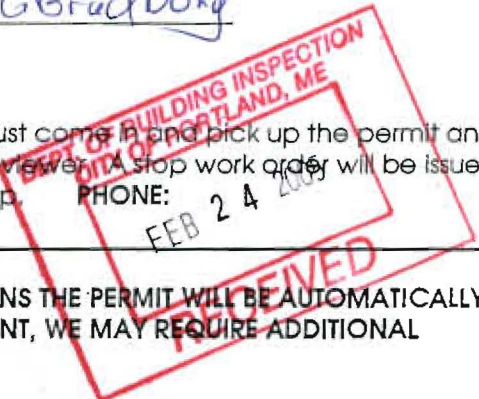
Dept: Building	Status: Pending	Reviewer:	Approval Date:
Note:			Ok to Issue: <input type="checkbox"/>

Comments:
2/25/2005-Idobson: we owed him money from previous permit/ applied to this permit \$30

All Purpose Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>135 Walton St</u>		
Total Square Footage of Proposed Structure	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# <u>142</u> Block# <u>I</u> Lot#	Owner: <u>Alpine Realty</u>	Telephone: <u>775-3499</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>Wayne Bradburn</u> <u>Advantage Lines</u> <u>P.O. Box 1041</u> <u>Portland 04104</u>	Cost Of Work: \$ _____ Fee: \$ _____
Current use: _____		
If the location is currently vacant, what was prior use: _____		
Approximately how long has it been vacant: _____		
Proposed use: <u>Changed Chemical Room to Rm OFF Wash area, Changed</u> Project description: <u>Part of Original Chemical room hose water heaters</u> <u>and storage tank enlarged Compressor Rm. Remaining</u> <u>Wall between Wash Rm & Chemical Rm</u>		
Contractor's name, address & telephone: _____		
Who should we contact when the permit is ready: <u>Wayne G Bradburn</u>		
Mailing address: <u>P.O. Box 1041</u> <u>Portland ME 04104</u>		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up.		



IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: <u>Wayne Bradburn</u>	Date: <u>2/24/05</u>
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This is NOT a permit, you may not commence ANY work until the permit is issued.
If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall



APPLICATION FOR EXEMPTION FROM SITE PLAN REVIEW

Downeast Uniform Sales/DRA Advantage Linen Service, Inc. June 14 2004
Applicant Application Date

B.O. Box 1041 Portland, Me 04101
Applicant's Mailing Address Project Name/Description

N/A 135 Walton St. Portland, Me 04
Consultant/Agent/Phone Number Address of Proposed Site

CBL: 142-I-001

Description of Proposed Development:
Proposed Propane tank farm with vaporizers, 4,000 Gallons

Please Attach Sketch/Plan of Proposal/Development

Criteria for Exemptions:
See Section 14-523 (4) on back side of form

a) Within Existing Structures; No New Buildings, Demolitions or Additions

b) Footprint Increase Less Than 500 Sq. Ft.

c) No New Curb Cuts, Driveways, Parking Areas

d) Curbs and Sidewalks in Sound Condition/Comply with ADA

e) No Additional Parking/ No Traffic Increase

f) No Stormwater Problems

g) Sufficient Property Screening

h) Adequate Utilities

Applicant's Assessment
(Yes, No, N/A)

Planning Office
Use Only

NO

✓

NO

✓

NO

✓

NO

✓

NO

✓

NO

✓

NO

See below

NO

✓

NO

need landscaping plan + detail for fence. No gas line? NW.

Planning Division Use Only

Exemption Granted _____ Partial Exemption Exemption Denied _____

Once tanks and fence are installed, City staff will meet with the applicant on site to determine what species of landscaping will be needed as a buffer.

Planner's Signature *[Signature]*

Date 6/17/04

Please call 874-8703 or 874-8693 to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

- Footing/Building Location Inspection: Prior to pouring concrete
- Re-Bar Schedule Inspection: Prior to pouring concrete
- Foundation Inspection: Prior to placing ANY backfill
- Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling
- Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERTIFICATE OF OCCUPANCIES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED

May A. Beata
Signature of Applicant/Designee

3/10/05
Date

[Signature]
Signature of Inspections Official

3.10.05
Date

CBL: 142 T 001

Building Permit #: 050798

MATERIAL SAFETY DATA SHEET

A Product Of: Arrow Paper Corporation
P.O. Box 1001
Wilmington, MA 01882

Date: 1-1-2004
Ref. No.: 2707
Telephone: 1-888-622-7769
Contact: James Brangwynno

SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT ULTRA SOUR
Chemical name / synonyms: Acid base solution
Formula: Mixture
D.O.T. Classification: Compounds, Cleaning Liquid (Contains Phosphoric Acid),
8, NA 1760, PG II
HMIS CODE: Health 3, Fire 0, Reactivity 1
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	% composition	TLV
Phosphoric Acid CAS# 7664-38-2	16-25	1 mg/m3

SECTION III - PHYSICAL DATA

Boiling Pt (°F): 222	Specific Gravity: 1.09
Vapor Pressure (mm Hg): NA	V.O.C. (% by weight): 0
Vapor Density (air=1): NA	Evaporation Rate (water=1): N/A
Solubility in water: complete	pH: 1
Appearance and Odor: CLEAR liquid, no odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): None
Test method: NA
Extinguishing Media: As necessary for surrounding fire.
Special fire fighting procedures: NA
Unusual fire and explosion hazard: NA

Flammable limits in air (vol. %)
Upper: NA Lower: NA

SECTION V - HEALTH HAZARD DATA ROUTES OF ENTRY

Threshold Limit Value: See Section II

Acute Effects of Overexposure: EYES-causes severe burns. May cause irreparable damage, and/or loss of vision. SKIN- corrosive action causes burns. Prolonged contact destroys tissues. INHALATION-mist may cause damage to the upper respiratory tract and lung tissue depending on extent of exposure. Effects range from mild irritation of mucous membranes, severe pneumonitis and lung tissue destruction. INGESTION-can cause very severe damage to mouth, esophagus, stomach. May be fatal.

Chronic Effects of Exposure: local effect may consist of multiple areas of superficial destruction of the skin or of primary dermatitis. Similarly, inhalation of the spray or mist may result in varying degrees of irritation.

Emergency and first aid procedures: EYES-flush with plenty of cool water for at least 15 minutes. Hold eyelids open during this flushing with water. Obtain

medical attention. SKIN-Immediately flush skin with plenty of water while removing contaminated clothing and boots. Call a physician. If skin feels slippery, caustic may still be present in sufficient quantities to cause rash or burn. Continue washing until slick skin feeling is gone. Thoroughly clean contaminated clothing and boots before reuse or discard. INHALATION- remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. INGESTION- If conscious, drink large quantities of water. Do not induce vomiting. Take immediately to a hospital or physician. If vomiting occurs spontaneously, keep always clear. If unconscious or in convulsions, take immediately to hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

SECTION VI - REACTIVITY DATA

Stability: stable
Conditions to avoid: Avoid mixing concentrate with strong acids.
Hazardous decomposition products: carbon monoxide and unidentified organic compounds may be formed during combustion.
Hazardous polymerization products: Will not occur.
Conditions and materials to avoid: Metal, glass, stoneware, alkali and strong concentrated acids.
When heated to decomposition, it emits highly toxic and corrosive fumes of Hydrogen Fluoride, Silica Tetrafluoride and Hydrogen gas.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Large spills: Dike and contain. Place in nonleaking containers for disposal agency. Small spills: soak or mop up. Small spills may be flushed to sewer.
Waste disposal method: Small quantities will evaporate readily. Large amounts should be given to licensed disposal agency.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Eye Protection: Splash goggles and/or face shield.
Respiratory Protection: None is normally required. However if misting or heavy vapor formation should occur, a NIOSH approved respirator should be worn.
Other Protection: Rubber boots. Rubber over leather shoes is not recommended. Rubber apron, rainwear or disposable TYVEK suit should be worn.
Ventilation: Provide adequate ventilation to meet TLV Requirements.
Protective gloves: Rubber, latex, plastic. Do not use leather or wool.
Additional information: Safety eye wash/shower stations must be available in work area.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35°F. Keep container tightly closed when not in use.
Other precautions: KEEP OUT OF REACH OF CHILDREN.
NA means NOT APPLICABLE on this form

MATERIAL SAFETY DATA SHEET

A Product Of: Arrow Paper Corporation
P.O. Box 1001
Wilmington, MA 01882

Date: 1-1-2004
Ref. No.: 2703
Telephone: 1-888-622-7760
Contact James Brangwynne

SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT FRONTLINE ALK
Chemical name / synonyms: Alkaline water base detergent
Formula: Mixture
D.O.T. Classification: Corrosive Liquid, N. O. S. (Contains Sodium Hydroxide),
8, UN 1760, PG III
HMIS CODE: Health 3, Fire 0, Reactivity 1
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
Sodium Hydroxide CAS# 1310-73-2	> 30	2mg/m3

SECTION III - PHYSICAL DATA

Boiling Pt (°F): 212	Specific Gravity: 1.2
Vapor Pressure (mm Hg): NA	Percent Volatile: NA
Vapor Density (air=1): NA	Evaporation Rate (water=1): 1
Solubility in water: complete	pH: 14
Appearance and Odor: no color, no odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): None	Flammable limits in air (vol. %)
test method: NA	Upper: NA Lower: NA
Extinguishing Media: As necessary for surrounding fire.	
Special fire fighting procedures: NA	
Unusual fire and explosion hazard: NA	

SECTION V - HEALTH HAZARD DATA ROUTES OF ENTRY

Threshold Limit Value: See Section II
Acute Effects of Overexposure: EYES - causes severe burns. May cause irreparable damage, and/or loss of vision. SKIN - corrosive action causes burns. Prolonged contact destroys tissues. INHALATION - mist may cause damage to the upper respiratory tract and lung tissue depending on extent of exposure. Effects range from mild irritation of mucous membranes, severe pneumonitis and lung tissue destruction. INGESTION - can cause very severe damage to mouth, esophagus, stomach. May be fatal.
Chronic Effects of Exposure: local effect may consist of multiple areas of superficial destruction of the skin or of primary dermatitis. Similarly, inhalation of the spray or mist may result in varying degrees of irritation.
Emergency and first aid procedures: EYES - flush with plenty of cool water for at least 15 minutes. Hold eyelids open during this flushing with water. Obtain

medical attention. SKIN - immediately flush skin with plenty of water while removing contaminated clothing and boots. Call a physician. If skin feels slippery, caustic may still be present in sufficient quantities to cause rash or burn. Continue washing until slick skin feeling is gone. Thoroughly clean contaminated clothing and boots before reuse or discard. INHALATION - remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. INGESTION - if conscious, drink large quantities of water. Do not induce vomiting.

Take immediately to a hospital or physician. If vomiting occurs spontaneously, keep airway clear. If unconscious or in convulsions, take immediately to hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person

SECTION VI - REACTIVITY DATA

Stability: stable
Conditions to avoid: Avoid mixing concentrate with strong acids.
Hazardous decomposition products: carbon monoxide and unidentified organic compounds may be formed during combustion.
Hazardous polymerization products: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Large spills: Dike and contain. Place in non-leaking containers for disposal agency. Small spills: soak or mop up. Small spills may be flushed to sewer.
Waste disposal method: Small quantities will evaporate readily. Large amounts should be given to licensed disposal agency.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Eye Protection: Splash goggles and/or face shield.
Respiratory Protection: None is normally required. However if misting or heavy vapor formation should occur, a NIOSH approved respirator should be worn.
Other Protection: Rubber boots. Rubber over leather shoes is not recommended. Rubber apron, rainwear or disposable TYVEK suit should be worn.
Ventilation: Provide adequate ventilation to meet TLV Requirements.
Protective gloves: Rubber, latex, plastic. Do not use leather or wool.
Additional Information: Safety eye wash/shower stations must be available in work area.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35°F.
Keep container tightly closed when not in use.

Other Precautions: KEEP OUT OF REACH OF CHILDREN.
NA means NOT APPLICABLE on this form.

MATERIAL SAFETY DATA SHEET

A Product Of: Arrow Paper Corporation
P.O. Box 1001
Wilmington, MA 01882

Date: 1-1-2004
Ref. No.: 2753
Telephone: 1-888-622-7769
Contact: James Brangwynne

SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT FRONTLINE DETERGENT
Chemical name / synonyms: Water Base Alkaline Detergent
Formula: Mixture
D.O.T. Proper Shipping Name: Non regulated Class 55 Cleaning Compound
HMIS CODE: Health 1, Fire 1, Reactivity 0
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
Z-Butoxyethanol CAS # 111-76-2	>5	25 ppm (skin)

SECTION III - PHYSICAL DATA

Boiling Pt (°F): 212	Specific Gravity: 1.02
Vapor Pressure (mm Hg): NA	V.O.C.(% by weight): <15
Vapor Density (air=1): NA	Evaporation Rate (water=1): 1
Solubility in water: complete	pH: 8
Appearance and Odor: No Odor, faint odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): N.E. Flammable limits in air (vol. %)
test method: NA Upper: NA Lower: NA
Extinguishing Media: As necessary for surrounding fire.
Special fire fighting procedures: NA
Unusual fire and explosion hazard: NA

SECTION V - HEALTH HAZARD DATA - ROUTES OF ENTRY

Threshold Limit Value: See Section II
Primary Route(s) of Entry: Eye contact, Skin Contact, Inhalation of mist if sprayed.
Health Hazard (Acute and Chronic): Although pH alone is not a precise indicator of irritation potential, this product should be handled as possibly irritating to eyes based on pH.
Signs And Symptoms Of Overexposure: EYES - tearing, stinging, redness. SKIN - stinging, redness, some swelling possible. INHALATION - coughing, soreness in respiratory tract, chest tightness, difficulty breathing. Conditions Generally Recognized As Being Aggravated By Exposure: Persons with pre-existing skin disorders may be more susceptible to irritating effects. Persons with pre-existing lung disorders may be more susceptible to irritating effects.
Emergency And First Aid Procedures: EYES - Immediately flush with plenty of cool water for at least 15 minutes while holding the eyelids open. Do not attempt neutralizing with chemical agents. Contact a physician immediately. SKIN - Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Do not attempt neutralizing with chemical agents. Contact a physician if irritation develops. INGESTION - If patient conscious, give several glasses of water for dilution effect and contact a physician. Do not induce vomiting. Do not give an unconscious person anything by mouth. INHALATION - Remove from contaminated atmosphere. If breathing has stopped, give artificial respiration then oxygen if needed. Contact a physician.

SECTION VI - REACTIVITY DATA

Stability: stable
Conditions to avoid: Avoid mixing concentrate with strong acids
Hazardous decomposition products: carbon monoxide and unidentified organic compounds may be formed during combustion.
Hazardous polymerization products: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled:
Large spills: Dike and contain. Place in non-leaking containers for disposal agency.
Small spills: soak or mop up. Small spills may be flushed to sewer.
Waste disposal method: Small quantities will evaporate readily. Large amounts should be given to licensed disposal agency.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Should not be necessary when diluted before spraying.
Ventilation -local exhaust: recommended
-mechanical exhaust: not necessary
Protective gloves: rubber
Eye protection: chemical goggles if contact is likely.
Other protective equipment: none

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35°F.
Keep container tightly closed when not in use.

Other precautions: KEEP OUT OF REACH OF CHILDREN.
NA means NOT APPLICABLE on this form.
NE means NOT ESTABLISHED on this form.

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application that is not described on the label or in the Product Data Sheet is the responsibility of the user.

This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communications Regulation and Massachusetts Right to Know Law.

73 Welton Street • P.O. Box 9433 • New Haven, CT 06534-0433
Tel (203) 772-3350 • Fax: (203) 776-0730

Material Safety Data Sheet (M.S.D.S.) • Rev. 3.15.2000
HYPOCHLORITE SOLUTION *Synonym: Bleach*

A. DESCRIPTION

M.S.D.S. Number: 0236
Date: 03/15/00 Edition: 004
Trade Name: Soda Bleach Solution
Chemical Name/synonyms: Sodium Hypochlorite- Aqueous Solution (4.8-16.6% NaOCl)
Chemical Family: Inorganic Salt Formula: NaOCl
CAS Number: 007681-52-9
U.S. D.O.T. Shipping Name: Hypochlorite Solution
U.S. D.O.T. Hazard Class: Corrosive Material
Subsidiary Risk: N/A I.D. number: UN1791
Reportable Quantity (R.Q.): 100 Lbs./45.4 K.G.
Canadian Dangerous Goods Description - Shipping Name: Hypochlorite Solution
Primary Classification: Class 8, Subsidiary Class: 9.2,
Pin Number: UN1791, Packing Group: III
WHMIS Classification: Class E - Corrosive Material

B. PHYSICAL DATA

Boiling Point @ 760 MM HG: Decomposes
Vapor Density (Air=1): N/A
Specific Gravity (H₂O=1): 1.21 @ 20 C
PH of Solution: Approx. 13
Freezing/melting Point: -14 C (6 F)
Solubility (weight % in water): complete
Bulk Density: 8.8 Lbs./gal. (U.S.) [11.4 - 12.1 Lbs./Imperial gal.]
Volume % Volatile: complete
Vapor Pressure: 17.5 MM HG @ 20 C
Evaporation Rate: (Water = 1): 1
Heat of Solution: N/A
Appearance and Odor: Clear, pale yellow or greenish liquid with a chlorine odor.

C. INGREDIENTS:

Material	Percent
Sodium Hypochlorite (weight %)	4.8 - 16.6
Sodium Hydroxide	Approx. 2 - 1.7
Water	Balance

MATERIAL SAFETY DATA SHEET

A Product Of: **Arrow Paper Corporation**
 24 Victory Lane
 Dracut, MA 01826

Date: 1-1-2004
 Ref. No.: 0312
 Telephone: 978-957-2919
 Contact: David P. Miller

SECTION I - PRODUCT IDENTIFICATION

Trade Name: **ULTRA CITRA SOLVE**
 Chemical name / synonyms: **Diphase solvent/water solution**
 Formula: **Mixture**
 D.O.T.: **Combustible Liquid, N.O.S. (Contains Terpene Hydrocarbons),**
Combustible, NA 1993, PG III
 HMIS CODE: **Health 2, Fire 2, Reactivity 0**
 HMIS KEY: **4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant**

SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
Monocyclic Terpene CAS# 5988-27-8	< 40	ND
2-Butoxyethanol CAS # 111-78-2	< 10	25 ppm (skin)

SECTION III - PHYSICAL DATA

Bolling Pt (°F): ND	Specific Gravity: 0.98
Vapor Pressure (mm Hg): ND	Voc (% w/v): 31
Vapor Density (air=1): 4.7	Evaporation Rate: Slow
Solubility in water: Emulsifies	pH: 8.5 - 9.0
Appearance and Odor: Tan clear liquid with citrus odor.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): 123
 Test method: (cc)

Flammable limits in air (vol%):
 Upper: 6.0 Lower: 0.7

Extinguishing Media: Carbon dioxide, water foam, dry chemical.

Special fire fighting procedures: Use air supplied respiratory equipment. Avoid use of water as may spread flame.

Unusual fire and explosion hazard: Do not mix with strong oxidants. Combustible liquid. Cool exposed containers with water.

SECTION V - HEALTH HAZARD DATA - ROUTES OF ENTRY

Threshold Limit Value: See Section II

Acute Effects Of Overexposure: **EYES-** irritation. **SKIN-** irritation, dermatitis. **INHALATION-** irritation. **INGESTION-** nausea, dizziness, harmful if swallowed.

Chronic Effects Of Overexposure: not known.

Emergency And First Aid Procedures: **EYES-** flush with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention. **SKIN-** remove contaminated clothing and launder before reuse. Wash skin with soap and water. **INHALATION-** remove person to fresh air. Administer artificial respiration if indicated. Obtain immediate medical assistance.

INGESTION- Do not induce vomiting. Call physician or poison center immediately.

SECTION VI - REACTIVITY DATA

Stability: **stable**

Conditions to avoid: Heat, sparks, open flame and contact with strong oxidizing agents like liquid chlorine or concentrated oxygen.

Hazardous decomposition products: none known other than oxides of carbon.

Hazardous polymerization products: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Eliminate all sources of ignition. Large spills: evacuate area. Dike and contain. Place in nonleaking containers for disposal agency. Small spills: soak or mop up. Remove to out of doors. Evaporates leaving little if any residue.

Waste disposal method: Small quantities will evaporate readily. Dispose of in compliance with local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None normally needed. Use with adequate ventilation.

Ventilation: local exhaust should be adequate.

Protective gloves: rubber or other impervious gloves.

Eye protection: chemical goggles

Other protective equipment: Usually not needed.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store in a cool dry place, away from heat, spark, or open flame. Keep container tightly closed when not in use. Empty containers may retain hazardous residue. Do not cut or weld empty containers.

Other precautions: **KEEP OUT OF REACH OF CHILDREN.**
 ND on this form means NOT DETERMINED.

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described in the Product Data Sheet or on the Product Label is the responsibility of the user.

This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communication Regulations and Massachusetts Right to Know Law.

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PAGE 02
 PAGE 04

MATERIAL SAFETY DATA SHEET

A Product Of: Arrow Paper Corporation,
24 Victory Lane
Dracut, MA 01826

Date: 1-1-2004 (Last Revision 1-1-2002)
Ref. No.: 2562
Telephone: 978-957-2919
Contact: David P. Miller

SECTION I - PRODUCT IDENTIFICATION

Trade Name: Powder Chlorine
Chemical name / synonyms: Chlorine Powder
Formula: Na O Cl - Oxidizer
D.O.T. Compound: Cleaning, Not Regulated
HMIS CODE: Health 2, Fire 0, Reactivity 0
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
Sodium Dichloro-s-triazinetrione CAS#	2893-79-9	< 16%
	1ppm	

SECTION III - PHYSICAL DATA

Boiling Pt (°F): N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (air=1): N/A
Solubility in water: complete
Appearance and Odor: White crystalline powder with a chlorine odor

Specific Gravity: 1.23
Percent Volatile: N/A
Evaporation Rate: N/A
pH: 11.8 of 2% solution

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): None
Test method: NA
Extinguishing Media: As necessary for surrounding fire
Special fire fighting procedures: Self contained gas masks
Unusual fire and explosion hazard: Danger of chlorine gas being evolved

Flammable limits in air (vol. %):
Upper: NA, Lower: NA

SECTION V - HEALTH HAZARD DATA - ROUTES OF ENTRY

Threshold Limit Value: See Section II

Acute Effects of Overexposure: EYES - causes severe burns. May cause irreparable damage, and/or loss of vision. SKIN - corrosive action causes burns. Prolonged contact destroys tissues. INHALATION - dust or mist may cause coughing, sneezing or other symptoms of upper respiratory tract irritation. Damage to the upper respiratory tract and lung tissue depending on extent of exposure. Effects range from mild irritation of mucous membranes, severe pneumonitis and lung tissue destruction. INGESTION - can cause very severe damage to mouth, esophagus, and stomach. May be fatal.

Chronic Effects of Exposure: local effect may consist of multiple areas of superficial destruction of the skin or of primary dermatitis. Similarly, inhalation of the dust or mist may result in varying degrees of irritation.

Emergency and first aid procedures: E
least 15 minutes. Hold eyelids open
medical attention. SKIN - immediately
removing contaminated clothing
contaminated clothing and boots
remove to fresh air. If not breath
mouth-to-mouth. If breathing is
conscious, drink large quantities
immediately to a hospital or physician
airway clear. If unconscious or in
Do not attempt to induce vomit
unconscious person.

SECTION VI - REACTIVITY DATA

Stability: unstable
Conditions to avoid: Avoid mixing with
or fire.
Hazardous decomposition products:
oxides from temperatures above 40
Hazardous polymerization products: V

SECTION VII - SPILL OR LEAK

For dry product, sweep up excess material
Steps to be taken if material is released
Place in non-leaking containers for
food. Toxic to fish and wild life. It
may be flushed to sewer.
Waste disposal method: Small quantities
should be given to licensed disposal

SECTION VIII - SPECIAL PRO

Respiratory Protection: NIOSH approved
product is to be sprayed.
Ventilation - local and mechanical: required
Protective gloves: rubber
Eye protection: chemical goggles or safety
Other protective equipment: rubber or

SECTION IX - SPECIAL PREC

Precautions to be taken in handling and
Keep container tightly closed when
from sunlight and heat to avoid darkening
and light. Rotate stock
Other precautions: KEEP OUT OF RE

NA means NOT APPLICABLE on this
ND means NOT DETERMINED on this

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Page 2

RH20

MATERIAL SAFETY DATA SHEET

Page 1 of 6

RHONE-POULENC PRODUCT NAME(S)
 OXALIC ACID

PRODUCT CODE(S)
 2832326-MT
 2832327,
 S-2832327-GM

RHONE-POULENC INC.
 CN 7500
 CRANFORD, NJ 08512-7500
 (609) 860-4000

Emergency Phone Number (24 Hours)
 CHEMTREC 800-424-9300

Date Prepared 2/14/95
Supersedes 11/27/90
MSDS Number
 00816-01.ORG

Section 1. PRODUCT IDENTIFICATION

Synonym(s): Oxalic acid, dihydrate; ethanedioic acid, dihydrate

Chemical Name(s) of Primary Component(s) Oxalic acid, dihydrate
CAS Number(s) 6153-56-6
Chemical Formula (COOH)₂ · 2H₂O

Section 2. INGREDIENTS/SUMMARY OF HAZARDS

<u>Ingredient(s)</u>	<u>CAS Number(s)</u>	<u>OSHA Hazardous (H) / Non-Hazardous (NH)</u>	<u>Percent</u>
Oxalic acid, dihydrate	6153-56-6	H	>99.5

SDS Title III Hazard Classification:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Immediate (Acute) Health Hazard | <input type="checkbox"/> Sudden Release of Pressure Hazard |
| <input type="checkbox"/> Delayed (Chronic) Health Hazard | <input type="checkbox"/> Reactive Hazard |
| <input type="checkbox"/> Fire Hazard | |

WARNING STATEMENTS:

TOXIC BY INGESTION. CORROSIVE TO EYES AND MUCOUS MEMBRANES. SEVERE SKIN IRRITANT. CAN CAUSE KIDNEY DAMAGE. CONVULSIONS, COMA AND DEATH FROM CARDIOVASCULAR COLLAPSE MAY OCCUR.

Section 3. PHYSICAL DATA

Melting Point (°F): 214 (loses water and starts to sublime); sublimas best at 214; anhydrous oxalic acid starts to decompose at 372

Boiling Point (°F): Not applicable

Vapor Pressure (mmHg): 0.35 at 0°C; 15.58 at 50°C

Vapor Density (air = 1): Not available

Solubility in Water: Slightly soluble (13.8 g/100 g @ 20°C; 77.0 g/100 g @ 58°C)

Specific Gravity: 1.653 @ 20°C

Evaporation Rate (butyl acetate = 1): Not available

NCP® JINX INK®
MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

NAME OF PRODUCT: NCP® JINX INK®
 PRODUCT USE: INK REMOVER

CHEMICAL FAMILY: Ester Ether Family
 PREPARATION DATE: January 1, 2004

MANUFACTURER'S NAME AND ADDRESS: NEUHAUS CHEMICAL PRODUCTS, INC.
 5727 MOBUD
 SAN ANTONIO, TEXAS, USA 78238-1820
 (210) 684-2411 TELEPHONE (210) 684-2433 FAX

EMERGENCY TELEPHONE NUMBER: INFOTRAC 1-800-535-5053 (USA AND CANADA)

HEALTH: 1- Slightly Hazardous FIRE: 2 - Flash Point, Below 200°F, 93°C REACTIVITY: 0 - Stable SPECIFIC: None

SECTION II - PHYSICAL DATA

APPEARANCE: Clear, pale yellow liquid
 COLOR: Pale Yellow
 STATE: Liquid
 ODOR CHARACTERISTICS: Musty, sweet fruity odor
 pH: 6.0 - 6.65
 VISCOSITY: Not Available
 SPECIFIC GRAVITY (WATER = 1) (at 20° C): 0.966
 VAPOR DENSITY (AIR = 1.0) @ (75°F): 4.31
 VAPOR PRESSURE (mm Hg @ 20°C): 0.96

MELTING POINT: -100°F
 BOILING POINT (F) (760 mm Hg): 123°C (253.2°F)
 FLASH POINT: 100°F (CLEVELAND OPEN CUP) (D92)
 FREEZING POINT: -100°F
 PERCENT VOLATILITY: Not Available
 EVAPORATION RATE (BAC=1.0 @ 120°F): 0.4
 SOLUBILITY IN WATER (w/w) @ 50°F: Complete
 COEFFICIENT OF WATER/OIL DISTRIBUTION: Not Available
 SOLUBILITY IN ACETONE: Not Available

SECTION III - HAZARDOUS INGREDIENTS

MATERIAL/COMPONENTS	CAS#	CAS NAME	TLV UNITS	APPROXIMATE %
Isopropyl Acetate	108-21-4	Isopropyl Acetate	250 ppm	10-30%

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD): 37.8°C (100°F) (CLEVELAND OPEN CUP) (Flashpoint Test)
 LOWER FLAMMABLE LIMIT (% BY VOLUME): 1.3
 UPPER FLAMMABLE LIMIT (% BY VOLUME): 8.5
 EXTINGUISHING MEDIA: Fires can be extinguished with carbon dioxide, dry chemical or alcohol foam extinguishers.
 SPECIAL FIRE FIGHTING PROCEDURES: If more than a small fire, fire fighters should wear self-contained breathing apparatus and protective clothing in close proximity to fire.
 UNUSUAL FIRE & EXPLOSION HAZARDS: Flammable vapor. Vapors from this product may travel along the ground for some distance and can be ignited by heat, pilot lights, etc. and flash back to the source of vapors.
 SENSITIVITY TO MECHANICAL IMPACT/STATIC DISCHARGE: Not susceptible to mechanical impact. However, vapors may explode if exposed to static discharge.
 AUTO-IGNITION TEMPERATURE: Not Available
 HAZARDOUS COMBUSTION PRODUCTS: When this product burns it can release toxic or suffocating gases, such as carbon monoxide and carbon dioxide and hydrogen.

SECTION V - HEALTH HAZARD DATA

EXPOSURE LIMITS: For Isopropyl Acetate: OSHA PEL: 250 ppm ACGIH TLV-TWA: 250 ppm ACGIH STEL: 310 ppm.

*****EFFECTS OF OVEREXPOSURE*****

INHALATION: Inhaling high concentrations of vapors may cause dizziness or headache.
 SKIN CONTACT: Brief contact is not irritating; however, prolonged skin contact may cause irritation.
 EYE CONTACT: Contact with eyes may cause irritation and stinging sensation.
 INGESTION: Swallowing the product may affect the central nervous system, causing nausea, dizziness, slurred speech, loss of coordination, and mental confusion. The severity of the symptoms depend on the amount ingested.

MATERIAL SAFETY DATA SHEET

Product Of: Date: 1-1-2004
 Low Paper Corporation Ref. No.: 2707
 P. Box 1001 Telephone: 1-888-622-7769
 Wilmington, MA 01882 Contact: James Brangwynne

SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT ULTRA SOUR
 Chemical name / synonyms: Acid base solution
 Formula: Mixture
 D.T. Classification: Compounds, Cleaning Liquid (Contains Phosphoric Acid),
 3, NA 1760, PG II
 HHS CODE: Health 3, Fire 0, Reactivity 1
 HHS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant

SECTION II - HAZARDOUS INGREDIENTS

Constance	% composition	TLV
Phosphoric Acid CAS# 7664-38-2	15-25	1 mg/m3

SECTION III - PHYSICAL DATA

Boiling Pt (°F): 222	Specific Gravity: 1.09
Vapor Pressure (mm Hg): NA	V.O.C. (% by weight): 0
Vapor Density (air=1): NA	Evaporation Rate (water=1): N/A
Solubility in water: complete	pH: 1
Appearance and Odor: CLEAR liquid, no odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): None Flammable limits in air (vol. %)
 Test method: NA Upper: NA Lower: NA
 Extinguishing Media: As necessary for surrounding fire.
 Special fire fighting procedures: NA
 Usual fire and explosion hazard: NA

SECTION V - HEALTH HAZARD DATA ROUTES OF ENTRY

Permissible Exposure Limit Value: See Section II
 Acute Effects of Overexposure: EYES-causes severe burns. May cause irreparable damage, and/or loss of vision. SKIN- corrosive action causes burns. Prolonged contact destroys tissues. INHALATION-mist may cause damage to the upper respiratory tract and lung tissue depending on extent of exposure. Effects range from mild irritation of mucous membranes, severe bronchitis and lung tissue destruction. INGESTION-can cause very severe damage to mouth, esophagus, stomach. May be fatal.
 Chronic Effects of Exposure: local effect may consist of multiple areas of superficial destruction of the skin or of primary dermatitis. Similarly, Inhalation of the spray or mist may result in varying degrees of irritation.
 First Aid Procedures: EYES-flush with plenty of cool water for at least 15 minutes. Hold eyelids open during this flushing with water. Obtain

medical attention. SKIN-Immediately flush skin with plenty of water while removing contaminated clothing and boots. Call a physician. If skin feels slippery, caustic may still be present in sufficient quantities to cause rash or burn. Continue washing until slick skin feeling is gone. Thoroughly clean contaminated clothing and boots before reuse or discard. INHALATION- move to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. INGESTION- If conscious, drink large quantities of water. Do not induce vomiting. Take immediately to a hospital or physician. If vomiting occurs spontaneously, keep airway clear. If unconscious or in convulsions, take immediately to hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

SECTION VI - REACTIVITY DATA

Stability: stable
 Conditions to avoid: Avoid mixing concentrate with strong acids.
 Hazardous decomposition products: carbon monoxide and unidentified organic compounds may be formed during combustion.
 Hazardous polymerization products: Will not occur.
 Conditions and materials to avoid: Metal, glass, stoneware, alkali and strong concentrated acids.
 When heated to decomposition, it emits highly toxic and corrosive fumes of Hydrogen Fluoride, Silica Tetrafluoride and Hydrogen gas.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Large spills: Dike and contain. Place in nonleaking containers for disposal agency. Small spills: soak or mop up. Small spills may be flushed to sewer.
 Waste disposal method: Small quantities will evaporate readily. Large amounts should be given to licensed disposal agency.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Eye Protection: Splash goggles and/or face shield.
 Respiratory Protection: None is normally required. However if misting or heavy vapor formation should occur, a NIOSH approved respirator should be worn.
 Other Protection: Rubber boots. Rubber over leather shoes is not recommended. Rubber apron, rainwear or disposable TYVEK suit should be worn.
 Ventilation: Provide adequate ventilation to meet TLV Requirements.
 Protective gloves: Rubber, latex, plastic. Do not use leather or wool.
 Additional Information: Safety eye wash/shower stations must be available in work area.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35°F. Keep container tightly closed when not in use.
 Other precautions: KEEP OUT OF REACH OF CHILDREN.
 NA means NOT APPLICABLE on this form.

P.O. Box 1001
Wilmington, MA 01882

Telephone: 1-888-622-7769
Contact: James Brangwynne

SECTION I - PRODUCT IDENTIFICATION

Trade Name: Patriot
Chemical name / synonyms: Emulsifiable solvent
Formula: Mixture
D.O.T. Classification: Combustible Liquid N.O.S., (Monochloro-Toluene),
Combustible, NA 1993, PG III
HMIS CODE: Health 2, Fire 3, Reactivity 0
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
MonoChloro-Toluene	80-70%	50 ppm
CAS# 25168-05-2		

SECTION III - PHYSICAL DATA

Boiling Pt (°F): 159	Specific Gravity: 1.06
Vapor Pressure (mm Hg): Unknown	Percent Volatile: 96
Vapor Density: 4.38	Evaporation Rate: Not Available
Solubility in water: Emulsifies	pH: Not Applicable for solvent
Appearance and Odor: Tan, clear liquid.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°C): 38 C
test method: CC
Extinguishing Media: Carbon dioxide, water foam, dry chemical.
Special fire fighting procedures: Use air supplied respiratory equipment.
Unusual fire and explosion hazard: Do not mix with strong oxidants. Combustible liquid. Cool exposed containers with water.

SECTION V - HEALTH HAZARD DATA - ROUTES OF ENTRY

Threshold Limit Value: Not Established
Acute Effects Of Overexposure: EYES-liquid is minimally irritating. High Vapor concentrations may cause irritation. SKIN-liquid is slightly irritating. Prolonged or repeated contact can result in defatting and drying which may result in irritation and dermatitis. INHALATION-vapors may be irritating to the nose, throat and respiratory tract. High vapor concentrations may cause depression. INGESTION-ingestion of these products may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.
Chronic Signs And Symptoms-irritation as noted above. Early to moderate Central Nervous System Depression may be evidenced by giddiness, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur. Aspiration Pneumonitis may be evidenced by coughing,

attention. SKIN-remove contaminated clothing and launder before reu
Wash skin with soap and water. INHALATION- remove person to fresh
Administer artificial respiration if indicated. Obtain immediate med
assistance. INGESTION-do not induce vomiting. Call physician or poi
center immediately. If vomiting occurs spontaneously, keep head below t
to prevent aspiration of liquid into the lungs.

SECTION VI - REACTIVITY DATA

Stability: stable
Conditions to avoid: Heat, sparks, open flame and contact with strong oxidiz
agents like liquid chlorine or concentrated oxygen.
Hazardous decomposition products: carbon monoxide, carbon dioxide.
Hazardous polymerization products: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: Eliminate all sources
ignition. Large spills: evacuate area. Dike and contain. Place in nonleak
containers for disposal. Small spills: soak or mop up. Remove to out of do
Evaporates leaving little if any residue.
Waste disposal method: Dispose of with compliance to all Federal, State :
Local Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: None normally needed if good ventilation is provic
Use only with adequate ventilation.
Ventilation -local exhaust: recommended -mechanical exhaust: recommend
Protective gloves: rubber
Eye protection: chemical goggles
Other protective equipment: Emergency shower and eye wash.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store in a cool dry place, a
from heat, spark, or open flame. Keep container tightly closed when no
use. Empty containers may retain hazardous residue. Do not cut or v
empty containers.

Other precautions: KEEP OUT OF REACH OF CHILDREN.
NA on this form means NOT APPLICABLE, ND means NOT DETERMINED.

The information on this Material Safety Data Sheet reflects the latest informa
and data that we have on hazards, properties, and handling of this prod
under the recommended conditions of use. Any use of this product or met
of application which is not described in the Product Data Sheet or on
Product Label is the responsibility of the user.

A Product Of:
Arrow Paper Corporation
P.O. Box 1001
Wilmington, MA 01882

Date: 1-1-2005
Ref. No.: 2712
Telephone: 1-888-822-7769
Contact: James Brangwynne

SECTION I - PRODUCT IDENTIFICATION

Trade Name: PATRIOT ULTRA RECLAIM WHITE
Chemical name / synonyms: Alkaline Cleaning Compound
Formula: Mixture of Alkalies and wetting agents
D.O.T. Classification: Corrosive Solids, N.O.S. (Sodium Hydroxide, Sodium Metasilicate), 8, UN 1759, PG III
HMIS CODE: Health 3, Fire 0, Reactivity 1, Personal 0
HMIS KEY: 4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=insignificant

SECTION II - HAZARDOUS INGREDIENTS

Substance	% Composition	TLV
Sodium Metasilicate CAS# 6834-92-0	15.0-25.0 %	Not Est.
Sodium Hydroxide CAS# 1310-73-2	15.0-25.0 %	2 mg/m3

SECTION III - PHYSICAL DATA

Bolling Pt (°F): NA	Specific Gravity: >1.23
Vapor Pressure (mm Hg): NA	Voc (% wt): NA
Vapor Density (air=1): NA	Evaporation Rate (water=1): NA
Solubility in water: complete	pH: 13.0-13.4
Appearance and Odor: White Powder.	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Pt (°F): None Flammable Flammable limits in air (Vol. %)
Test method: NA Upper: NA Lower: NA
Extinguishing Media: As necessary for surrounding fire.
Special fire fighting procedures: NA
Unusual fire and explosion hazard: NA

SECTION V - HEALTH HAZARD DATA - ROUTES OF ENTRY

Threshold Limit Value: See Section II
Primary Route(s) of Entry: Eye contact. Skin Contact. Inhalation of mist if sprayed.
Health Hazard (Acute and Chronic): Although pH alone is not a precise indicator of irritation potential, this product should be handled as possibly irritating to eyes base on pH.
Signs And Symptoms Of Overexposure: EYES- Tearing, stinging, redness.
SKIN- Stinging, redness, some swelling possible. INHALATION- Coughing, soreness in respiratory tract, chest tightness, difficulty breathing.
Conditions Generally Recognized As Being Aggravated By Exposure: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

effects.

Emergency And First Aid Procedures: EYES- Immediately flush with plenty cool water for at least 15 minutes while holding the eyelids open. Do attempt neutralizing with chemical agents. Contact a physician immediately.
SKIN- Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Do not attempt neutralizing with chemical agents. Contact a physician if irritation develops.
INGESTION patient conscious, give several glasses of water for dilution effect and contact a physician. Do not induce vomiting. Do not give an unconscious person anything by mouth. INHALATION-

Remove from contaminated atmosphere. If breathing has stopped, get artificial respiration then oxygen if needed. Contact a physician.

SECTION VI - REACTIVITY DATA

Stability: stable
Conditions to avoid: Avoid mixing concentrate with strong acids.
Hazardous decomposition products: carbon monoxide and unidentified organic compounds may be formed during combustion.
Hazardous polymerization products: will not occur.

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken if material is released or spilled: In case of spillage, sweep excess material and dispose of in accordance with applicable regulations.
Dispose of in accordance with local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH approved respirator for a nuisance dust when using or handling the concentrated powder.
Ventilation -local exhaust: recommended
-mechanical exhaust: recommended
Protective Gloves: rubber
Eye Protection: chemical goggles if contact is likely.
Other Protective Equipment: none

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store above 35°F.
Keep container tightly closed when not in use.

Other precautions: KEEP OUT OF REACH OF CHILDREN.
NA means NOT APPLICABLE on this form.

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or material



CITY OF PORTLAND, MAINE

Department of Building Inspections

_____ 2005

Received from _____

Location of Work 135 W. Hawthorne

Cost of Construction \$ _____

Permit Fee \$ 300.00 NC

500.00
58
1000.00
88.00

Building (IL) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other _____

CBL: 142-I1

Check #: _____

Total Collected \$ _____

THIS IS NOT A PERMIT

No work is to be started until PERMIT CARD is actually posted upon the premises. Acceptance of fee is no guarantee that permit will be granted. PRESERVE THIS RECEIPT. In case permit cannot be granted the amount of the fee will be refunded upon return of the receipt less \$10.00 or 10% whichever is greater.

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy