

MATERIAL SAFETY DATA SHEET

(Prepared According To 29 CFR 1910.1200)

Effective Date - 2-01-89

N/A = Not Applicable
AS-435

MSDS

SECTION 1 - PRODUCT IDENTIFICATION

Product Name:	LOW ACID BOWL CLEANER	Chemical Family:	ACID CLEANER
Supplier's Name:	PAPER CORPORATION OF AMERICA	Proper Shipping Name:	COMPOUND, CLEANING, LIQUID (CONTAINING MURIATIC ACID) CORROSIVE MATERIAL, NA 1789
Supplier's Address:	POST OFFICE BOX 958 VALLEY FORGE, PA. 19482		

SECTION 2 - INGREDIENTS

CHEMICAL NAME	OSHA/PEL	ACGIH/TLV	CAS NO.
HYDROCHLORIC ACID	5 PPM	5 PPM	7647-01-0
PHOSPHORIC ACID	N.E.	1 MG/M3	7664-38-2

SECTION 313 - SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372)

**CAS #*	CHEMICAL NAME	% BY WEIGHT
7647-01-0	HYDROCHLORIC ACID	9.1
7664-38-2	PHOSPHORIC ACID	1.5

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL

SECTION 3 - PHYSICAL DATA

Specific Gravity: 1.055
Solubility in Water: COMPLETE
Physical Description: CLEAR BLUE LIQUID
PLEASANT
Boiling Point: > 212 F

Flash Point (Method Used): NONE
Extinguishing Media: AS REQUIRED BY SURROUNDING FIRE
Special Fire Fighting Procedures: WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS.
Unusual Fire and Explosion Hazards: COULD REACT WITH METALS TO GENERATE FLAMMABLE HYDROGEN GAS.

SECTION 5 - REACTIVITY DATA

Stability: STABLE
Conditions to Avoid: EXTREME TEMPERATURES
Polymerization: WILL NOT OCCUR
Conditions to Avoid: NONE
Incompatibility (Materials to Avoid): BASES, METALS, OXIDIZERS.
Hazardous Decomposition Products: H₂, CO, CO₂

SECTION 4 - FIRE AND EXPLOSION DATA

Precautions to be Taken in Handling and Storage:
STORE IN A COOL DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
SEVERITY OF INJURY DEPENDS LARGELY ON PRODUCT CONCENTRATION AND DURATION OF EXPOSURE. IMMEDIATE ACTION IS NECESSARY TO LIMIT SEVERITY OF INJURY. CAN CAUSE MINOR IRRITATION TO SEVERE BURNS AND TISSUE DAMAGE TO EXPOSED AREAS OF BODY.

Other Precautions:

Carcinogenicity:
NTP: NO
IARC: NO
OSHA: NO

First Aid Procedures

Skin: REMOVE CONTAMINATED CLOTHING AND WASH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF NECESSARY.

Eyes: FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES LIFTING THE EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION AT ONCE.

Inhalation: MOVE TO FRESH AIR. IF BREATHING STOPS, ADMINISTER ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.

Ingestion: GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION 8 - PERSONAL PROTECTION INFORMATION

Respiratory Protection: ONLY W/O ADEQUATE VENTILATION Ventilation: USE ADEQUATE VENTILATION

Protective Gloves: RUBBER GLOVES Eye Protection: SAFETY GOGGLES

Other Protective Equipment: AS REQUIRED TO LIMIT SKIN CONTACT. WASH HANDS THOROUGHLY AFTER USE.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
CONTAIN LARGE SPILLS AND PUMP TO RECOVER. SMALL SPILLS MAY BE MOPPED UP. CONTAMINATED AREA SHOULD BE NEUTRALIZED.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

Distributor: Paper Corporation of America - P.O. Box 958 - Valley Forge, PA 19482

Infotrac Emergency Phone: 1-800-535-5053 CODE-AB

Disclaimer: Paper Corporation of America and the manufacturer believe that the information contained on this Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.