MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME: CARROLL COMPANY

EMERGENCY TELEPHONE NO.: 214/278-1304
214/278-1300

ADDRESS: 2900 WEST KINGSLEY RD.

GARLAND, TEXAS 75041

TRADE NAME: LIME-OFF

REVISED: 3/01/91

PRODUCT CODE: 378

SECTION II - HAZARDOUS INGREDIENTS

PHOSPHORIC ACID CAS#7664-38-2

SECTION III - PHYSICAL DATA

BOILING POINT (F) UNDETERMINED

SPECIFIC GRAVITY (H2O=1) 1.13

VAPOR PRESSURE (mm Hg.) UNDETERMINED

PRODUCT pH 1.5

SOLUBILITY IN WATER MISCELLABLE

MELTING POINT UND.

APPEARANCE AND ODOR: GREEN LIQUID, SLIGHTLY SWEET ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) UNDETERMINED

EXTINGUISHING MEDIA: WATER, CO2, FOAM

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NON-FLAMMABLE

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 1MG/M-BASED ON RAW MATERIAL T.V.L.

CARCINOGEN: NO

ACUTE & CHRONIC HEALTH EFFECTS: UNDETERMINED

PRIMARY ROUTES OF ENTRY: INHALATION X SKIN X INGESTION X

EFFECTS OF OVEREXPOSURE: SKIN & EYE-IRRITATING TO SKIN AND EYES. INHALATION-MAY BE IRRITATING TO MUCOUS MEMBRANES. INGESTION-HARMFUL OR FATAL IF SWALLOWED.

EMERGENCY & FIRST AID PROCEDURES: SKIN-WASH WITH SOAP AND WATER. EYE-FLOOD WITH WATER FOR AT LEAST 15 MINUTES. INGESTION-IF SWALLOWED, GIVE LARGE AMOUNT OF MILK OR WATER TO DRINK. GET IMMEDIATE MEDICAL ATTENTION. INHALATION-MOVE TO FRESH AIR. GET MEDICAL ATTENTION

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE STABLE X

CONDITIONS TO AVOID: AVOID CHLORINE CONTAINING COMPOUNDS

INCOMPATIBILITY (Materials to Avoid): SEE ABOVE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED: NORMAL CLEAN UP

PROCEDURE USING BAKING SODA AS NEUTRALIZER

WASTE DISPOSAL METHOD: FOLLOW FEDERAL AND LOCAL REGULATIONS

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Type): ADEQUATE VENTILATION IN CLOSE SPACES

GLOVES (Type): RUBBER OR NEOPRENE

EYE PROTECTION: GOGGLES IF SPLASHING OCCURS

OTHER PROTECTIVE EQUIPMENT: NONE

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: KEEP CLOSURE UP TO PREVENT LEAKAGE.

OTHER PRECAUTIONS: AVOID CONTACT WITH CHLORINE CONTAINING COMPOUNDS AS IT WILL PRODUCE CHLORINE GAS.
MATERIAL SAFETY DATA SHEET
CONTINUED

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-SECTION X- SECTION 313 SUPPLIER NOTIFICATION (SARA)-

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:

CHEMICAL NAME & CAS#  PHOSPHORIC ACID, CAS#7664-38-2

% BY WEIGHT 21.00