

**90500487**

**HI-TECH**

**Lime Away**

**De-Scaler**

**(CAFÉ use only)**



NFPA SYMBOL



# MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE NUMBER (800) - 535-5053 INFOTRAC

Date: JANUARY 1, 2007

ECONOMICAL JANITORIAL & PAPER SUPPLIES, INC.  
1420-F SAMS AVE. HARAHAN, LA 70123 (504) 464-7166

**SECTION I - IDENTIFICATION**  
TRADE NAME : LIME AWAY  
CHEMICAL FAMILY : CLEANING COMPOUND  
PRODUCT NUMBER : 5184  
OF PRODUCT :  
SHIPPING DESCRIPTION: COMPOUNDS, CLEANING LIQUID, 8,  
NA 1760, III, (contains Hydrochloric acid)

**SECTION II - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	CAS #
PHOSPHORIC ACID	3 PPM	3 PPM	7664-38-2
HYDROCHLORIC ACID	5 PPM	5 PPM	7647-01-1

**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 #\*\*\*

7664-38-2  
7664-38-2  
HYDROCHLORIC ACID 5 -15%  
PHOSPHORIC ACID 10- 15%

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

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS:**

BOILING POINT = >212°F  
SPECIFIC GRAVITY (H28=1) = 1.05  
SOLUBILITY IN WATER = COMPLETE  
APPEARANCE = CLEAR LIQUID  
ODOR = ACIDIC  
VAPOR PRESSURE (mmHg) = UNKNOWN  
VAPOR DENSITY (Air=1) = UNKNOWN  
EVAPORATION RATE (Butyl Act=1) = UNKNOWN  
POUNDS PER GALLON = 9.16

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA :**

FLASH POINT = NONE  
EXTINGUISHING MEDIA = AS REQUIRED BY THE SURROUNDING FIRE  
SPECIAL FIRE FIGHTING PROCEDURES = WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS.  
UNUSUAL HAZARDS = REACTION WITH METALS EMITS HYDROGEN GAS

**SECTION V - REACTIVITY DATA:**

STABILITY = STABLE  
CONDITIONS TO AVOID = EXTREME TEMPERATURES  
POLYMERIZATION = WILL NOT OCCUR  
CONDITIONS TO AVOID = NONE  
INCOMPATIBLE MATERIALS = BASES, METALS, OXIDIZERS  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS = H2, CO2, CO

**SECTION VI - HEALTH HAZARDS DATA:** NOT ESTABLISHED

THRESHOLD LIMIT VALUE =  
CARCINOGENICITY =  
NTP = NO  
LARC MONOGRAPHS = NO  
OSHA REGULATED = NO  
HEALTH HAZARDS ACUTE/CHRONIC = EYES: SEVERE IRRITATION AND POSSIBLE TISSUE DAMAGE DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE SEVERE IRRITATION, DEFATTING AND DERMATITIS.  
EMERGENCY FIRST AID PROCEDURES = MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.  
INGESTION = DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK.  
GET MEDICAL ATTENTION IMMEDIATELY.  
EYE CONTACT = FLUSH EYES IMMEDIATELY WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES, LIFTING EYELIDS OCCASIONALLY.  
GET MEDICAL ATTENTION.  
SKIN CONTACT = REMOVE CONTAMINATED CLOTHING WASH SKIN WITH SOAP AND WATER THEN RINSE AND REPEAT.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING:**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
LARGE SPILLS: CONTAIN SPILL. MOP UP OR ABSORB LIQUID WITH RAGS, OR FLOOR ABSORBENT AND PLACE IN CLOSED CONTAINERS. PROVIDE ADEQUATE VENTILATION AND WEAR ADEQUATE PERSONAL PROTECTIVE EQUIPMENT.  
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.  
PRECAUTIONS TO TAKE IN HANDLING & STORAGE: STORE IN COOL, DRY PLACE.  
KEEP CONTAINER CLOSED WHEN NOT IN USE.  
OTHER PRECAUTIONS: ELIMINATE SOURCES OF IGNITION. KEEP OUT OF REACH OF CHILDREN.

**SECTION VIII - CONTROL MEASURES:**

RESPIRATORY PROTECTION = NONE REQUIRED WITH ADEQUATE VENTILATION  
VENTILATION = USE ADEQUATE CROSS VENTILATION  
PROTECTIVE GLOVES = RECOMMENDED  
EYE PROTECTION = RECOMMENDED  
OTHER PROTECTIVE MEASURES = WASH HANDS THOROUGHLY AFTER USE.

**MANUFACTURER:** TRANS GULF INDUSTRIES, INC.

6101 HUMPHREYS STREET  
PO BOX 23809  
HARAHAN, LA 70183

**EMERGENCY PHONE #**  
DAY M-F (504) - 733-7865  
NIGHT (800) - 535-5053

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HEALTH 3 1  
REACTIVITY 4 3 2 1 0  
EXTREME HIGH MODERATE SLIGHT INSIGNIFICANT

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SECTION VI - HEALTH HAZARDS DATA: NOT ESTABLISHED

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\*\*\*CAS #\*\*\*  
CHEMICAL NAME  
% By Wt.  
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