



Manufacturers of Carpet Cleaning Equipment,
Chemicals, and Janitorial Supplies.
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MATERIAL SAFETY DATA SHEET
AND SAFE HANDLING AND DISPOSAL INFORMATION

DATE: SEPTEMBER 7, 1994

PRODUCT NAME: SECURE

SUPERSEDES: ALL PREVIOUS

PRODUCT NUMBER: 2015

PG 1/2

SECTION I - EMERGENCY CONTACTS

NAMCO MANUFACTURING INC. (713) 932-8293 OR (800) 634-5816

POISON CENTER: (800) 764-7661

**SECTION II - MATERIAL IDENTIFICATION AND INFORMATION -
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES**

(HAZARDOUS COMPONENTS 1% OR GREATER; CARCINOGENS 0.1% OR GREATER)

| | CAS # | SARA III LIST | OSHA PEL (PPM) | ACGIH TLV (PPM) | CARCINOGEN REF. SOURCE** |
|--------------------------|-----------|------------------|-------------------|--------------------|-----------------------------|
| HYDROCHLORIC ACID | 7647-01-0 | YES | 5 | 5 | D |

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS -

CHEMICAL FAMILY: ACID BASE BOWL CLEANER

BOILING POINT: 212° F

VAPOR PRESSURE: PSIG @ 70°F (AEROSOLS): N/A

VAPOR DENSITY (AIR=1): >1

SOLUBILITY IN WATER - COMPLETE

SPECIFIC GRAVITY (H₂O = 1) 1.05

EVAPORATION RATE (WATER=1): 1.00

WATER REACTIVE: NONE

APPEARANCE & ODOR - BLUE FLUID WITH SASSAFRAS FRAGRANCE

SECTION IV - FIRE & EXPLOSION HAZARD DATA -

FLASH POINT AND METHOD USED (NON-AEROSOLS): NONE

EXTINGUISHER MEDIA: NON-COMBUSTIBLE

UNUSUAL FIRE & EXPLOSION HAZARDS: SOLUTIONS REACT WITH METALS TO FORM HYDROGEN

SPECIAL FIRE FIGHTING PROCEDURES: WEAR NIOSH APPROVED BREATHING APPARATUS AND FULL PROTECTIVE GEAR WHEN FIGHTING FIRES. SPRAY CONTAINERS WITH WATER TO KEEP COOL AND PREVENT RUPTURES.

SECTION V - REACTIVITY DATA -

STABILITY: STABLE

HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE GAS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: CONTACT WITH STRONG BASES CAN CAUSE VIOLENT REACTION GENERATING LARGE AMOUNTS OF HEAT.

HEALTH : 3
FIRE : 0
REACTIVITY : 0
SPECIAL :

SECTION VI - HEALTH HAZARD DATA**PRIMARY ROUTES OF ENTRY:** INHALATION, SKIN ABSORPTION AND EYE**ACUTE EFFECTS:****INHALATION:** IRRITANT CAUSING BURNING, CHOKING, COUGHING, HEADACHE**EYE CONTACT:** IRRITATION, SEVERE BURNS AND PERMANENT DAMAGE INCLUDING BLINDNESS**SKIN CONTACT:** BURNING, IRRITATION, DERMATITIS.**INGESTION:** UNLIKELY ROUTE-CAUSES SEVERE BURNS TO INTERNAL ORGANS**CHRONIC EFFECTS:** NONE KNOWN.**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** SKIN, EYE, MUCOUS MEMBRANE IRRITATION

SECTION VII – EMERGENCY FIRST AID PROCEDURES –**EYE CONTACT:** WASH EYES FOR 15 MINUTES, NEUTRALIZING WITH 3% BORIC ACID SOLUTION IF AVAILABLE. GET IMMEDIATE MEDICAL ATTENTION.**SKIN CONTACT:** REMOVE CONTAMINATED CLOTHING, WASH SKIN**VENTILATION REQUIREMENTS:** AS NECESSARY TO MAINTAIN AIR CONCENTRATION BELOW 5 PPM AT ALL TIMES.**OTHER PROTECTIVE CLOTHING AND EQUIPMENT:** NEOPRENE OR PVC RAIN SUIT AND BOOTS IN CASE OF FIRE. SAFETY SHOWERS AND EYEWASH STATIONS SHOULD BE AVAILABLE**HYGIENIC WORK :** WASH HANDS AFTER USE. DO NOT EAT, DRINK OR SMOKE IN IMMEDIATE AREA.

SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE -**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:** CONTAINS FLUID BY DIKING. NEUTRALIZE WITH SODA ASH OR BAKING SODA.**WASTE DISPOSAL METHODS:** NEUTRALIZE MATERIAL MAY BE WASHED DOWN THE SEWER. ABSORBED MATERIAL TO BE BOXED AND DISPOSED OF IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN CLOSED LABELED CONTAINERS. KEEP IN COOL, METAL FREE AREA FOR NOT MORE THAN ONE YEAR.**OTHER PRECAUTIONS AND OR SPECIAL HAZARDS:** KEEP OUT OF REACH OF CHILDREN. DO NOT STORE NEAR STRONG ALKALIES OR OTHER REACTIVE MATERIALS.