



Manufacturers of Carpet Cleaning Equipment,
Chemicals, and Janitorial Supplies.
1428 Blalock, Houston, TX 77055
(713) 932-8293 * Fax (713) 932-7605

MATERIAL SAFETY DATA SHEET

AND SAFE HANDLING AND DISPOSAL INFORMATION

DATE: MAY 31, 1990

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 - HAZARDOUS INGREDIENTS

SOLVENTS: CAS# 7647-01-0

ADDITIVES: HYDROCHLORIC ACID 10

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES: DO NOT MIX WITH STRONG ALKALINE. DO NOT HEAT.

SECTION III - PHYSICAL DATA

CHEMICAL FAMILY: ACID BASE BOWL CLEANER

BOILING POINT: 227° F

% VOLATILE BY VOLUME: 90.00%

SOLUBILITY IN WATER - COMPLETE

SPECIFIC GRAVITY (H₂O = 1) 1.049

EVAPORATION RATE (WATER=1): 1.00

APPEARANCE & ODOR - BLUE, SEMI-OPAQUE, SLT. VISC. LIQUID WITH HCl/PERFUME ODOR

SECTION IV - FIRE & EXPLOSION HAZARD DATA -

NONE

SECTION V - REACTIVITY DATA -

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): DO NOT MIX WITH STRONG ALKALINE AS NEUTRALIZATION WILL OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CHLORIDE GAS

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: HEATING OF SOLUTION CAN GENERATE HYDROGEN CHLORIDE.

SECTION VI - SPILL OR LEAK PROCEDURES -

SPILL OR RELEASE CONTROLS - DILUTE SPILL WITH CLEAR WATER. WASH EFFECTED SURFACES WITH GOOD ALKALINE CLEANER & RINSE WELL.

WASTE DISPOSAL METHOD - DILUTE WITH LARGE VOLUMES OF CLEAR WATER, THEN NEUTRALIZE WITH SODIUM BICARBONATE. FLUSH TO STANDARD SEWER.

HEALTH : 3
FIRE : 0
REACTIVITY : 0
SPECIAL : 0

SECTION VII - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE: INHALATION WILL CAUSE IRRITATION OF MUCOUS MEMBRANES. SKIN & EYE CONTACT WILL CAUSE MILD TO SEVERE ACID BURNS. INGESTION WILL CAUSE GASTROINTESTINAL IRRITATION.

FIRST AID PROCEDURES:

SKIN: WASH WITH SOAP AND WATER FOR 15 MINUTES.

EYES: FLUSH WITH WATER FOR 15 MINUTES.

INHALATION: REMOVE TO FRESH AIR

INGESTION: PROMPTLY DRINK COPIOUS AMOUNTS OF CLEAR WATER FOLLOWED BY MILK OF MAGNESIA OR BAKING SODA AND WATER.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE REQUIRED WHEN USED IN AREAS WITH ADEQUATE VENTILATION.

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: SAFETY GLASSES OR FACE SHIELD.

OTHER PROTECTIVE EQUIPMENT: APRON OR BOOTS IF DESIRED

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: KEEP OUT OF THE REACH OF CHILDREN. AVOID STORING IN AREAS EXPOSED TO EXTREME TEMPERATURES. KEEP CONTAINER SEALED WHEN NOT IN USE. OPEN CONTAINER SLOWLY TO ALLOW VAPOR TO ESCAPE. USE PRODUCT IN WELL VENTILATED AREAS. KEEP PRODUCT STORED IN ORIGINAL CONTAINER. READ PRODUCT LABEL CAREFULLY PRIOR TO USING.
