



MATERIAL SAFETY DATA SHEET

AND SAFE HANDLING AND DISPOSAL INFORMATION

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

DATE: FEBRUARY 10, 1993

PRODUCT NAME: TT 1000

SUPERSEDES: ALL PREVIOUS

PRODUCT NUMBER: 2053

PG 1

SECTION I - EMERGENCY CONTACTS

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

POISON CENTER: (800) 764-7661

SECTION II - HAZARDOUS INGREDIENTS

2-BUTOXY ETHANOL PHOSPHORIC ACID

SECTION III - PHYSICAL DATA

BOILING POINT: 212°

SOLUBILITY IN WATER: 100%

VAPOR PRESSURE: 18

APPEARANCE & ODOR: YELLOW LIQUID MINT ODOR

SECTION IV - FIRE & EXPLOSION HAZARD DATA -

NONE

SECTION V - REACTIVITY DATA -

REACTIONS WITH METALS MAY DECOMPOSE. AVOID ALKALINE MATERIALS.

SECTION VI - SPILL OR LEAK PROCEDURES -

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: DILUTE WITH WATER OR NEUTRALIZE WITH SODA ASH AND FLUSH TO SEWER. DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL AND STATE LOCAL GUIDELINES.

SECTION VII - HEALTH HAZARDS

EYE: ACID BURNS

SKIN: ACID BURNS

INHALATION: MUCOUS MEMBRANE IRRITANT

FIRST AID PROCEDURES:

EYES: FLUSH WITH WATER REPEATEDLY. CALL PHYSICIAN.

SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER.

INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER OR MILK. CONTACT PHYSICIAN IMMEDIATELY.

SECTION VIII - SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES: RUBBER

EYE PROTECTION: ACID GOGGLES

SECTION IX - SPECIAL PRECAUTIONS

STORE IN COOL DRY PLACE.

HEALTH : 2
FIRE : 0
REACTIVITY : 0
SPECIAL : 1



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DATE: FEBRUARY 1, 1998

PRODUCT NAME: NAM-4

SUPERSEDES: ALL OTHERS

PRODUCT NUMBER: 5031

PG 1/2

SECTION I - EMERGENCY CONTACTS

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

POISON CENTER: (800) 764-7661

SECTION II - INGREDIENTS -

NAME	CAS#	WT%	PEL	TWA	STE	CARCINOGEN
SULFURIC ACID	7664-93-9	0 TO 5	1 MG/M ³	1 MG/M ³		NO
PHOSPHORIC ACID	7664-38-2	30 TO 35	1 MG/M ³	1 MG/M ³	3 MG/M ³	NO
DIPROPYLENE GLYCOL						
METHYL ETHER	34590-94-8	0 TO 5	100 PPM	100 PPM	150 PPM	NO

NO OTHER HAZARDOUS INGREDIENTS ARE CONTAINED IN THIS PRODUCT.

SECTION III - PHYSICAL DATA

BOILING RANGE: 212+

SPECIFIC GRAVITY: 1.146

VAPOR PRESSURE: 20

VAPOR DENSITY: >1

% VOLATILE: 60+

pH: 1.5

SOLUBILITY: 100%

EVAPORATION RATE: <1

PHYSICAL DESCRIPTION: SLIGHTLY VISCOUS AMBER LIQUID WITH MILD

SECTION IV - FIRE AND EXPLOSION DATA -

FLASH POINT: N/A

SPECIAL FIRE FIGHTING PROCEDURES: NOT FLAMMABLE

SECTION V - REACTIVITY DATA -

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: N/A

SECTION VI - STORAGE AND HANDLING INFORMATION -

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP OUT OF REACH OF CHILDREN. FOR USE BY TRAINED PERSONNEL ONLY. KEEP CONTAINER CLOSED DURING STORAGE. FOR INSTITUTIONAL AND INDUSTRIAL USE ONLY.

HEALTH : 3
 FLAMMABILITY : 0
 REACTIVITY : 0
 SPECIAL :

SECTION VII – HEALTH HAZARDS –**PRIMARY ROUTE OF ENTRY:**

SKIN: SEVERE SKIN IRRITANT. CAN CAUSE CHEMICAL BURNS AND POSSIBLE ULCERATION.

EYES: SEVERE EYE IRRITANT. LIQUID AND MISTS CAN CAUSE PAIN, TEARING, POSSIBLE SWELLING OF THE CONJUNCTIVA, AND CORNEAL DESTRUCTION.

INHALATION: IRRITATING TO MUCOUS MEMBRANES OF THE NOSE, THROAT AND LUNGS. CAN CAUSE COUGHING, CHOKING, HEADACHE AND DIZZINESS.

INGESTION: MAY CAUSE SEVERE BURNING OF THE MOUTH, PHARYNX AND ABDOMEN. MAY BE CORROSIVE TO THE UPPER GASTROINTESTINAL TRACT, FOLLOWED BY VOMITING.

FIRST AID PROCEDURES:

SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH EXPOSED AREA WITH LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION.

EYES: FLUSH EYES WITH LARGE QUANTITIES OF WATER. HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION.

INHALATION: GET TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION IF SYMPTOMS PERSIST.

INGESTION: DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER OR MILK. SEEK MEDICAL ATTENTION IMMEDIATELY.

SECTION VIII – SPECIAL PROTECTION INFORMATION –

RESPIRATORY INFORMATION: USE WITH ADEQUATE VENTILATION

VENTILATION: PROVIDE LOCAL EXHAUST TO KEEP TLV OF SECTION 2 INGREDIENTS BELOW ACCEPTABLE LIMIT.

PROTECTIVE GLOVE: ACID PROOF

EYE PROTECTION: SAFETY GLASSES

SECTION IX – SPILL OR LEAK PROCEDURE –

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: MOP UP OR OTHERWISE ABSORB AND HOLD FOR DISPOSAL.

WASTE DISPOSAL METHOD: ANY METHOD IN ACCORDANCE WITH LOCAL APPLICABLE LAW.
