



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: 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 MOCOUS MEMBRANES OF THE NOSE, THROAT AND LUNGS. CAN CAUSE COUGHING, CHOKING, HEADACHE AND DIZZINESS.

INGESTION: MAY CAUSE SEVERE BURNING OF THE MOUTH, PHARNYX 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 SYMTOMS 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.
