



Manufacturers of Carpet Cleaning Equipment,
Chemicals, and Janitorial Supplies.
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MATERIAL SAFETY DATA SHEET

AND SAFE HANDLING AND DISPOSAL INFORMATION

DATE: JUNE 8, 1995

PRODUCT NAME: STAINERATOR

SUPERSEDES: ALL PREVIOUS

PRODUCT NUMBER: 4133

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

CHEMICAL IDENTITY	CAS No.	OSHA PEL	ACGIH-TLV	OTHER LIMITS	%
ISOBUTANE	75-28-5	800 PPM	800 PPM		
PROPANE	74-98-6	1000 PPM	ASPHYXIAN		
*2-BUTOXYETHANOL	111-76-2	25 PPM (SKIN)	25 PPM (SKIN)		5-10
ISOPROPANOL	67-63-0	400 PPM	400 PPM	500 PPM (STEL)	

*2-BUTOXYETHANOL (A GLYCOL ETHER COMPOUND) IS LISTED AND MAY REQUIRE REPORTING UNDER SARA TITLE III SEDC. 313 IF USED OVER THE THRESHOLD REPORTING QUANTITIES.

SECTION III - PHYSICAL DATA

BOILING POINT - 212 F

SOLUBILITY IN WATER - COMPLETE

PRESSURE (psig @ 70 F) - 47±5

ph : 10.0-11.0

VAPOR DENSITY (AIR =1): GREATER THAN 1

SPECIFIC GRAVITY (H2O=1): 0.985

APPEARANCE & ODOR - HAZY, COLORLESS LIQUID WITH AN ETHEREAL CITRUS SCENT. WET FOAM FROM AEROSOL.

SECTION IV - FIRE & EXPLOSION HAZARD DATA -

EXTINGUISHER MEDIA: IF NECESSARY, USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, FOG OR WATER SPRAY AS APPROPRIATE FOR FIRE'S FUEL SOURCE.

UNUSUAL FIRE & EXPLOSION HAZARDS: AEROSOL CONTAINER (PRESSURIZED) MAY BURST IF HEATED OVER 120 F.

SPECIAL FIRE FIGHTING PROCEDURES - USE WATER SPRAY TO KEEP CONTAINERS COOL AND VAPORS DOWN. DO NOT ALLOW RUNOFF TO ENTER SEWERS OR PUBLIC WATERCOURSES. WEAR SELF-CONTAINED BREATHING APPARATUS IN CHEMICAL FIRES.

SECTION V - REACTIVITY DATA -

STABILITY: STABLE

INCOMPATIBILITY (materials to avoid): CHLORINE, OXIDIZERS, AND STRONG ALKALIES.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN, AND NITROGEN.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL PROTECTION: A

SECTION VI - SPILL OR LEAK PROCEDURES -

SPILL OR RELEASE CONTROLS - CAUTION, SLIP HAZARD. WIPE UP SMALL SPILLS WITH A RAG OR ABSORBENT CLOTH. FOR LARGE SPILLS, ISOLATE TRAFFIC AND VENTILATE AREA. ELIMINATE ALL IGNITION SOURCES. WEAR PROTECTIVE GEAR AS NECESSARY. DIKE TO PREVENT SPREAD. VACUUM OR PICK UP ON ABSORBENT. PUT IN SUITABLE CONTAINER FOR PROPER DISPOSAL.

WASTE DISPOSAL METHOD - CONSULT LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE CONTAINER. REPLACE CAP ON EMPTY CAN, WRAP THEN DISCARD CONTAINER IF ALLOWED BY APPLICABLE STATUTES.

SECTION VII - HEALTH HAZARDS

ROUTE OF ENTRY: EYES, INHALATION, AND SKIN.

EFFECTS OF OVEREXPOSURE: REDNESS, TEARING, BURNING OF EYES. REDNESS, DRYING, CRACKING OF SKIN. DROWSINESS, DIZZINESS, LOSS OF COORDINATION, VOMITING AND ABDOMINAL PAIN IF INGESTED.

ACUTE OVEREXPOSURE: CAUSES EYE IRRITANT. MAY CAUSE SKIN IRRITATION. MAY BE ABSORBED THROUGH INTACT SKIN. MAY BE HARMFUL IF INHALED OR SWALLOWED. CENTRAL NERVOUS SYSTEM EFFECTS POSSIBLE IF IMPROPERLY USED. CONTENTS UNDER PRESSURE. USE GOOD CHEMICAL HYGIENE PRACTICES TO AVOID THESE HAZARDS.

FIRST AID PROCEDURES:

SKIN: FLUSH WITH WATER AND SOAP.

INGESTION: DRINK LARGE AMOUNTS OF WATER TO DILUTE. DO NOT INDUCE VOMITING, GET MEDICAL AID.

EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL AID.

INHALATION: GET TO FRESH AIR.

SECTION VIII - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: MAINTAIN ADEQUATE LOCAL EXHAUST & GENERAL VENTILATION TO PREVENT EMPLOYEE EXPOSURE

PROTECTIVE GLOVES - RUBBER GLOVES

EYE PROTECTION - GOGGLES.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID INHALING MIST OR VAPORS. MAINTAIN ADEQUATE VENTILATION IN WORK AREAS. STORE IN A COOL, DRY LOCATION AWAY FROM HEAT, SPARKS, OPEN FLAME, AND DIRECT SUNLIGHT. DIRECT SPRAY AWAY FROM FACE. REPLACE CAP WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING.

OTHER PRECAUTIONS OR SPECIAL HAZARDS: IN ACCORD WITH GOOD INDUSTRIAL PRACTICES, HANDLE WITH CARE FOLLOW DIRECTIONS ON PACKAGE. KEEP OUT OF REACH OF CHILDREN.
