



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

DATE: JANUARY 5, 2006

PRODUCT NAME: PROTECT ALL

SUPERSEDES: ALL PREVIOUS

PRODUCT NUMBER: 2059

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: 100, 100PPM

SECTION III - PHYSICAL DATA

CHEMICAL FAMILY: ALIPHATIC PETROLEUM HYDROCARBON

VAPOR PRESSURE (mm Hg): .8/3.7

BOILING POINT: 370° F/518° ATSM D-86

VAPOR DENSITY (AIR=1): 5.24

% VOLATILE BY VOLUME: 100%

SOLUBILITY IN WATER - NEGLIGIBLE

SPECIFIC GRAVITY (H₂O = 1) (@ 60/60° F): 0.806

APPEARANCE & ODOR - WHITE WATER LIQUID, MILD HYDROCARBON ODOR

SECTION IV - FIRE & EXPLOSION HAZARD DATA -

EXTINGUISHING MEDIA: MECHANICAL FOAM, DRY CHEMICAL, WATER FOG, CO₂

SPECIAL FIRE FIGHTING PROCEDURES: A STRAIGHT WATER STEAM WOULD SPREAD HYDROCARBON FIRES. AVOID BREATHING VAPORS. USE FRESH AIR RESPIRATORS.

UNUSUAL FIRE & EXPLOSION HAZARDS: A VAPOR ACCUMULATION WOULD FLASH AND/OR EXPLODE IF IGNITED, COMBUSTIBLE LIQUID.

FLASH POINT/METHOD: TAG CLOSED CUP, 130° F

FLAMMABLE LIMITS: LEL, .76, UEL, 5.7

SECTION V - REACTIVITY DATA -

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE IF BURNED WITH INSUFFICIENT AIR.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: HEAT, SPARKS, FLAME & OTHER SOURCES OF IGNITION.

SECTION VI - SPILL OR LEAK PROCEDURES -

SPILL OR RELEASE CONTROLS - REMOVE ALL POSSIBLE IGNITION SOURCES, ABSORB & DISPOSE OF IN ACCORDANCE WITH LOCAL APPLICABLE REGULATIONS. CALL EMERGENCY NUMBER IF SPILLAGE POSES THREAT TO MAN OR ENVIRONMENT.

WASTE DISPOSAL METHOD - DISPOSE IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. USE QUALIFIED DISPOSAL COMPANY TO INCINERATE, OR OTHERWISE DISCARD AT AN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

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

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SECTION VII - HEALTH HAZARDS

THRESHOLD LIMIT VALUE: 100ppm

EFFECTS OF OVEREXPOSURE: TO MANY VAPORS MIGHT DAMAGE THE CENTRAL NERVOUS SYSTEM AND CAUSE RESPIRATORY IRRITATION, MUSCULAR WEAKNESS, CONFUSION, IMPAIRED COORDINATION, & HEADACHE.

FIRST AID PROCEDURES:

SKIN: WASH WITH SOAP AND WATER FOR .

EYES: FLUSH WITH WATER FOR 15 MINUTES.

INHALATION: REMOVE FROM EXPOSURE. PROVIDE FRESH AIR AND REST. USE ARTIFICIAL RESPIRATION IF NEEDED.

INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN

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SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: IF TLV IS EXCEEDED, USE SELF-CONTAINED BREATHING APPARATUS.

VENTILATION: LOCAL EXHAUST: TO A DANGER SAFE AREA **MECHANICAL:** USE EXPLOSION-PROOF EQUIPMENT **SPECIAL:** USE ONLY WITH ADEQUATE VENTILATION **OTHER:** AVOID POTENTIAL IGNITION.

PROTECTIVE GLOVES: USE CHEMICAL RESISTANT.

EYE PROTECTION: SAFETY GLASSES, AVOID EYE CONTACT.

OTHER PROTECTIVE EQUIPMENT: AS REQUIRED TO AVOID SKIN CONTACT OR BREATHING VAPORS.

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SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: KEEP CLOSURES TIGHT & UPRIGHT TO PREVENT LEAKAGE. KEEP CLOSED WHEN NOT IN USE. DO NOT TRANSFER TO UNMARKED CONTAINERS. READ ALL WARNING LABELS. STORE IN COOL WELL VENTILATED AREA. GROUND CONTAINERS WHEN FILLING OR EMPTYING.

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SECTION X - DILUTION RATIO

FULL 93.886%

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