

MATERIAL SAFETY DATA SHEET

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PRODUCTS MANUFACTURED BY:
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PRODUCT MANUFACTURED FOR (IF DIFFERENT FROM ABOVE)

AMERICAN NIAGARA // TEE SQUARES

* SEE ABOVE

SECTION I PRODUCT IDENTIFICATION

CHEMICAL NAMES & SYNONYMS

WATER BASED SPOTTING FLUID • NON SOLVENT
NON FLAMMABLE • NON TOXIC • BIODEGRADABLE

TRADE NAME

d - TERGE

SECTION II HAZARDOUS INGREDIENTS WITH CAS#'S, TLV & HAZARDOUS WEIGHTS BY %

INGREDIENTS THAT ARE APPLICABLE	TLV	CAS NUMBERS	% BY WEIGHT
ETHYLENE GLYCOL MONOBUTYL ETHER	25/TWA; 120 STEL	111-76-2	*NOTE: EXACT
ISOPROPYL ALCOHOL 99% (IPA)	400 TWA/500STEL	67-63-0	PERCENTAGES OF
NON -TOXIC OR INERT	N/A	N/A	COMPONENTS WITHHELD

UNDER
HAZARDOUS COMPONENTS CONSTITUTE LESS THAN 18% OF FORMULATION 29CFR 1910.1200 (I)
AS TRADE

SECRETS

SECTION IIA CHEMICAL RATING SYSTEM

CHEMICAL RATING SYSTEM WHEN APPLICABLE / NFPA (NATIONAL FIRE PROTECTION AGENCY) - PRODUCTS ARE GRADED FROM 0 TO 4 ON (H) HEALTH, (F) FLAMMABILITY, AND ® REACTIVITY. 0 = NO SPECIAL HAZARD; 1 = SLIGHT; 2 = MODERATE; 3 = HIGH; 4 = EXTREME. THE INFORMATION FOR THIS PRODUCT IS AS FOLLOWS (*NOTE MAY NOT BE APPLICABLE ON CERTAIN TYPES OF PRODUCTS)

H = 1 F = 0 R = 0

SECTION III PHYSICAL DATA

BOILING POINT (F) 207° F SPECIFIC GRAVITY (WATER = 1) 0.92

VAPOR PRESSURE SAME AS WATER EVAPORATION RATE (ETHER = 1) SAME AS WATER

SOLUBILITY IN WATER COMPLETE APPEARANCE AND ODOR COLORLESS

LIQUID VAPOR DENSITY N/A
SASSAFRASS ODOR

FLASH POINT

NONFLAMMABLE

SECTION IV FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) N/A F(TCC,TOC,COC) FLAMMABLE LIMITS/LOWER/UPPER
N/A

EXTINGUISHING MEDIA N/A

SPECIAL FIRE FIGHTING EQUIPMENT: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION V REACTIVITY DATA

	<u>STABLE</u>	YES	
	<u>UNSTABLE</u>		<u>CONDITIONS TO AVOID</u>
<u>STABILITY</u>	STRONG OXIDIZERS		

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) N/A
HAZARDOUS DECOMPOSITION N/A
HAZARDOUS POLYMERIZATION N/A

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SECTION VI HEALTH HAZARD INFORMATION

EYE MAY CAUSE EYE BURNS.

SKIN CONTACT PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION. REPEATED CONTACT MAY CAUSE DRYING OR FLAKING.

SKIN ABSORPTION N/A

SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

INHALATION PROLONGED EXPOSURE CAN CAUSE DIZZINESS, NAUSEA.

EMERGENCY & FIRST AID PROCEDURES

EYE & SKIN

REMOVE CONTAMINATED CLOTHING AND FLUSH EXPOSED AREAS WITH WATER FOR 5 TO 15 MINUTES.

INHALATION

REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, ADMINISTER RESPIRATION OR OXYGEN IF AVAILABLE. CALL A PHYSICIAN.

INGESTION

DO NOT INDUCE VOMITING. CALL PHYSICIAN AND OBTAIN MEDICAL ATTENTION - IMMEDIATELY.

SECTION VII SPILL & DISPOSAL PROCEDURES

SMALL LEAKS

MOP UP, WIPE UP OR SOAK UP IMMEDIATELY. REMOVE TO OUT-OF-DOORS.

LARGE SPILLS

PUMP MATERIAL INTO RECOVERY DRUM.

DISPOSAL METHOD

DISPOSE OF ACCORDING TO ALL LOCAL, STATE AND FEDERAL REGULATIONS. THIS CHEMICAL IS BIODEGRADABLE.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY: NONE REQUIRED WHEN USED WITH ADEQUATE VENTILATION.

EYE: CHEMICAL SAFETY GOGGLES, CONTACT LENSES SHOULD NOT BE WORN.

SKIN: NEOPRENE, VITON, POLYVINYL ALCOHOL COATED GLOVES OR EQUIVALENT.

OTHER: PROTECTIVE HEADGEAR & APRON WHEN SPLASHING IS A PROBLEM.

VENTILATION REQUIREMENTS: SUFFICIENT TO MAINTAIN BELOW PEL ESTIMATED 300 MG/L.

SECTION IX SPECIAL PRECAUTIONS

HANDLING & STORAGE:

AVOID CONTACT WITH SKIN AND AVOID BREATHING VAPORS. PIPE VENTS OUTDOORS. STORE IN COOL, DRY VENTILATED AREA. KEEP OUT OF REACH OF SMALL CHILDREN.

OTHER: N/A

DISCLAIMER

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS PROVIDED PURSUANT TO 29CFR1910.1200 TO CONVEY INFORMATION CONCERNING THE HAZARDOUS NATURE OF THE NAMED PRODUCT. THE INFORMATION SUPPLIED WAS COMPILED FROM THE MOST RELIABLE SOURCES AVAILABLE AT THE TIME OF PREPARATION AND IN LIGHT OF THE MOST REASONABLE FORESEEABLE SITUATIONS EXPECTED FROM THE INTENDED USE OF THIS PRODUCT. THE MATERIAL MAY PRESENT GREATER OR LESSER HAZARD EXPOSURE UNDER OTHER CIRCUMSTANCES THAT ARE BEYOND THE CONTROL OF THE MANUFACTURER. FOLLOW ALL DIRECTIONS AND WARNINGS ON THE PRODUCT LABEL.

TERMS:PEL(PERMISSIBLE EXPOSURE LIMIT-8 HOURS) OSHA;TLV (THRESHOLD LIMIT VALUE) AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH); CAS# (CHEMICAL ABSTRACT SERVICE); PPM (PARTS PER MILLION); STEL(SHORT TERM EXPOSURE LEVEL-15 MINUTE); TWA (TIME WEIGHTED AVERAGE-8 HOUR); AL (ACTION LEVEL-8 HOUR AVERAGE)