

TERMS: PEL (PERMISSIBLE EXPOSURE LEVEL-8 HOURS) OSHA ;TLV (THRESHOLD LIMIT VALUE) AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGENISTS (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)

MATERIAL SAFETY DATA SHEET

Warning: This product contains a chemical known to the State of California to cause cancer based on animal testing

PRODUCTS MANUFACTURED BY:
AMERICAN NIAGARA • 6750 JONES MILL COURT • BLDG. "C" • NORCROSS, GA 30092
PH: (770) 441-5900 • TOLL FREE (800) 241-7708 • FAX (770) 409-7240

24 HOUR EMERGENCY 800-424-9300 703-741-5500

Packaged in
 USA and
 Vietnam

PRODUCT MANUFACTURED FOR (IF DIFFERENT FROM ABOVE)

AMERICAN NIAGARA

SECTION I PRODUCT IDENTIFICATION

CHEMICAL NAMES & SYNONYMS

AEROSOL DRY WHITE POWDERED SPOTTER

TRADE NAME

PULL OUT #2

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

INGREDIENTS THAT ARE APPLICABLE	TLV & PEL	CAS NUMBERS THAT ARE APPLICABLE	% BY WEIGHT
PROPANE	NOT EST/1000PPM	74-98-6	N/A
ISOBUTANE PROPELLENTS	800PPM/800PPM	75-28-5	N/A
DICHLOROMETHANE CATALYST FOR	25PPM/25PPM	75-09-2	N/A
TETRACHLOROETHYLENE POWDER	50PPM/100PPM	127-18-4	N/A
AMPHOROUS SILICAS	HARMLESS TO HUMANS		

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 (R) 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 = 2 F = 1 R = 0

SECTION III PHYSICAL DATA

<u>BOILING POINT (F)</u>	NOT ESTABLISHED	<u>SPECIFIC GRAVITY (WATER = 1)</u>	1.45 @ 25/25 C
<u>VAPOR PRESSURE</u>	70	<u>EVAPORATION RATE (ETHER = 1)</u>	.072
<u>SOLUBILITY IN WATER (CENT)</u>	INSOLUBLE	<u>APPEARANCE AND ODOR</u>	SLOWER CLEAR LIQUID SOLVENT ODOR

SECTION IV FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) / FLAME PROJ. NON-FLAMMABLE

FLAMMABLE LIMITS / LOWER / UPPER

EXTINGUISHING MEDIA FOAM, DRY CHEMICAL, CARBON DIOXIDE

IN AIR: LEL 1.9 UEL 8.5

SPECIAL FIRE FIGHTING EQUIPMENT KEEP CONTAINERS COOL USING WATER SPRAY. USE PROPER EQUIPMENT TO PROTECT PERSONNEL FROM BURSTING CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 120 DEGREES F., AS CONTAINERS MAY VENT, RUPTURE OR BURST.

SECTION V REACTIVITY DATA

<u>STABILITY</u>	<u>STABLE</u> YES
<u>STABILITY</u>	<u>UNSTABLE</u>
<u>STABILITY</u>	<u>CONDITIONS TO AVOID</u> OPEN FLAMES, TEMPERATURES OVER 120 DEGREES F.
<u>INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID)</u>	STRONG OXIDIZERS, STRONG CAUSTICS
<u>HAZARDOUS DECOMPOSITION</u>	CO, CO ² , HCL
<u>HAZARDOUS POLYMERIZATION</u>	WILL NOT OCCUR

NON-FLAMMABLE FORMULATION (SOLVENTS)

*NOTE: IF YOU HAVE ADEQUATE AIR MOVEMENT, PROPER VENTILATION WITH HIGH CEILINGS AND USE IN A TYPICAL CUT & SEW OR TEXTILE OPERATION, LITTLE OR NO DANGERS SHOULD EXIST. ALL PRECAUTIONS ARE BASED ON WORST CASE SCENARIOS. USE AND HANDLE ALL CHEMICALS SAFELY AND WISELY. The Powder portion of the formulation (a blend of silicas) is harmless to humans.

PO2ANC(1-07)

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SECTION VI HEALTH HAZARD INFORMATION

<u>EYE</u>	MAY CAUSE EYE PAIN. MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) IRRITATION WITH SLIGHT CORNEAL INJURY. VAPORS MAY IRRITATE EYES.
<u>SKIN CONTACT</u>	PROLONGED OR REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION. REPEATED CONTACT MAY CAUSE DRYING OR FLAKING OF SKIN.
<u>INGESTION</u>	SINGLE DOSE ORAL TOXICITY IS LOW. THE LD50 FOR RATS IS >10,000 MG/KG. IF ASPIRATED (LIQUID ENTERS THE LUNG), MAY BE RAPIDLY ABSORBED THROUGH THE LUNGS AND RESULT IN INJURY TO OTHER BODY SYSTEMS
<u>INHALATION</u>	PROGRESSIVELY HIGH LEVELS MAY CAUSE DIZZINESS, DRUNKENNESS; HIGH CONCENTRATIONS CAN CAUSE UNCONSCIOUSNESS AND DEATH. THESE HIGH LEVELS MAY ALSO CAUSE CARDIAC ARRHYTHMIAS (IRREGULAR HEART BEATS). IN CONFINED OR POORLY VENTILATED AREAS, VAPORS WHICH READILY ACCUMULATE CAN CAUSE UNCONSCIOUSNESS AND DEATH.

EMERGENCY & FIRST AID PROCEDURES

<u>EYE & SKIN</u>	REMOVE CONTAMINATED CLOTHING AND FLUSH EXPOSED AREAS WITH WATER FOR 5 TO 15 MINUTES.
<u>INHALATION</u>	REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, ADMINISTER RESPIRATION OR OXYGEN IF AVAILABLE. CALL A PHYSICIAN.
<u>INGESTION</u>	DO NOT INDUCE VOMITING. CALL PHYSICIAN AND OBTAIN MEDICAL ATTENTION - IMMEDIATELY.
<u>NOTE TO PHYSICIAN</u>	

BECAUSE RAPID ABSORPTION MAY OCCUR THROUGH LUNGS IF ASPIRATED AND CAUSE SYSTEMIC EFFECTS, THE DECISION OF WHETHER TO INDUCE VOMITING OR NOT SHOULD BE MADE BY A PHYSICIAN. IF LAVAGE IS PERFORMED, SUGGEST ENDOTRACHEAL AND/OR ESOPHAGEAL CONTROL. DANGER FROM LUNG ASPIRATION MUST BE WEIGHED AGAINST TOXICITY WHEN CONSIDERING EMPTYING THE STOMACH. EXPOSURE MAY INCREASE MYOCARDIAL IRRITABILITY. DO NOT ADMINISTER SYMPATHOMIMETIC DRUGS UNLESS ABSOLUTELY NECESSARY. NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE. TREATMENT BASED ON JUDGEMENT OF THE PHYSICIAN IN RESPONSE TO REACTIONS OF THE PATIENT.

SECTION VII SPILL & DISPOSAL PROCEDURES

<u>SMALL LEAKS</u>	MOP UP, WIPE UP, OR SOAK UP IMMEDIATELY. REMOVE TO OUT-OF-DOORS.
<u>LARGE SPILLS</u>	EVACUATE AREA. CONTAIN LIQUID; TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLIES.
<u>DISPOSAL METHOD</u>	WHEN DISPOSING OF THE UNUSED CONTENTS, THE PREFERRED OPTIONS ARE TO SEND LICENSED RECLAIMER, OR TO PERMITTED INCINERATORS. ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. DO NOT DUMP INTO ANY BODY OF WATER. EMPTY CONTAINERS MUST BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. DO NOT CUT OR WELD CONTAINER DUE TO EXPLOSION HAZARD.

SECTION VIII SPECIAL PROTECTION INFORMATION

<u>RESPIRATORY</u>	NONE REQUIRED WHEN USED WITH ADEQUATE VENTILATION
<u>EYE</u>	CHEMICAL SAFETY GOGGLES, CONTACT LENSES SHOULD NOT BE WORN.
<u>SKIN</u>	NEOPRENE, VITON, POLYVINYL ALCOHOL COATED GLOVES OR EQUIVALENT.
<u>OTHER</u>	PROTECTIVE HEADGEAR & APRON WHEN SPLASHING IS A PROBLEM
<u>VENTILATION REQUIREMENTS</u>	SUFFICIENT TO MAINTAIN BELOW PEL

SECTION IX SPECIAL PRECAUTIONS

<u>HANDLING & STORAGE</u>	AVOID CONTACT WITH SKIN AND AVOID BREATHING VAPORS. PIPE VENTS OUTDOORS. STORE IN COOL, DRY VENTILATED AREA. VAPORS HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS.
<u>OTHER</u>	PREVENT MOIST AIR FROM ENTERING STORAGE. NO SMOKING IN PRESENCE OF VAPORS. CONTACT WITH ALUMINUM PARTS IN A PRESSURIZABLE FLUID SYSTEM MAY CAUSE VIOLENT REACTIONS. CONSULT EQUIPMENT SUPPLIER FOR FURTHER INFORMATION.

SECTION X SHIPPING INFORMATION

PROPER SHIPPING NAME: Aerosols, non-flammable
HAZARD CLASS: 2.2
UN NUMBER: 1950
PACKING GROUP: III
LABEL REQUIRED: Class 2

DISCLAIMER

THE INFORMATION CONTAINED IN THIS MATERIAL SAFETY DATA SHEET IS PROVIDED PURSUANT TO 29CFR 1910.1200 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 FORSEEABLE EXPOSURE 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.

MSDS\N-S\PO2ANC(1-07)