

TERMS: PEL (PERMISSIBLE EXPOSURE LEVEL) OSHA / TLV (THRESHOLD LIMIT VALUE) AMERICAN CONFERENCE OF GOVERNMENTAL HYGIENISTS / CAS# (CHEMICAL ABSTRACT SERVICE) / PPM (PARTS PER MILLION) / STEL (SHORT TERM EXPOSURE LEVEL) / TWA (TIME WEIGHTED AVERAGE)

# MATERIAL SAFETY DATA SHEET

PRODUCTS MANUFACTURED BY:  
**AMERICAN NIAGARA • 6690 JONES MILL COURT • BLDG. A&B • NORCROSS, GA 30092**  
**PH: (770) 441-5900 • TOLLFREE (800) 241-7708 • FAX (770) 409-7240**

**24 HOUR EMERGENCY      800-424-9300 CHEMTREC**

**\*NOTE: THIS PRODUCT IS NO LONGER BLENDED WITH 1,1,1 TRICHLOROETHANE**  
**REV: 03-04**

## SECTION I    PRODUCT IDENTIFICATION

<u>CHEMICAL NAMES &amp; SYNONYMS</u> <b>CONTAINS: 2-PROPANONE (HIGHLY FLAMMABLE)</b>	<u>TRADE NAME</u> <b>P.C. SPECIAL</b>
---	--

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

ACTIVE INGREDIENTS THAT ARE APPLICABLE	CAS NUMBERS THAT ARE APPLICABLE	TLV / PEL	% BY WEIGHT
(DIMETHYLKETONE; 2-PROPANONE) CH <sub>3</sub> COCH <sub>3</sub>	67-64-1	750 TWA; 1000 STEL	NOTE: EXACT PERCENTAGES WITHHELD UNDER 29CFR 19.10.1200 (I) AS TRADE SECRETS
METHYLETHYLKETONE C <sub>4</sub> H <sub>8</sub> O	78-93-3	200 PPM/300 STEL	
NITROMETHANE CH <sub>3</sub> NO <sub>2</sub>	75-52-5	TLV 100 ppm	
1,2-BUTYLENEOXIDE C <sub>4</sub> H <sub>8</sub> O	106-88-7	TLV 25	

## 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 = 1    F = 4    R = 0**

## SECTION III    PHYSICAL DATA

<u>BOILING POINT (F)</u> 131 DEGREES F	<u>SPECIFIC GRAVITY (WATER = 1)</u> 1.321 @ 25/25 C
<u>VAPOR PRESSURE</u> 188 MM HG @ 20 DEG C	<u>EVAPORATION RATE (ETHER = 1)</u> 0.8
<u>SOLUBILITY IN WATER (CENT)</u> COMPLETE	<u>APPEARANCE AND ODOR</u> COLORLESS LIQUID KETONE LIKE ODOR

## SECTION IV    FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)                      -4 DEGREES F (TCC, TOC, COC)                      FLAMMABLE LIMITS / LOWER / UPPER  
 IN AIR @ 25 DEGREES C VOL. 7.5% 12.5%

EXTINGUISHING MEDIA                      WATER; DRY CHEMICAL; CO<sub>2</sub>

SPECIAL FIRE FIGHTING EQUIPMENT                      WEAR POSITIVE PRESSURE, SELF CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS  
 VAPORS MAY CAUSE FLASH FIRE. WATER SOLUTIONS WILL BURN. COOL CONTAINERS WITH WATER MIST.

## SECTION V    REACTIVITY DATA

STABILITY                      STABLE                      YES

STABILITY                      UNSTABLE                      CONDITIONS TO AVOID  
 AVOID OPEN FLAMES, WELDING ARCS OR OTHER HIGH TEMPERATURE SOURCES WHICH INDUCE THERMAL DECOMPOSITION.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID)  
 AVOID STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION  
 NOT APPLICABLE

HAZARDOUS POLYMERIZATION  
 WILL NOT OCCUR

COMMENTS: THE PREDOMINANT INGREDIENT IS ACETONE. WE HAVE DEVELOPED A PROPRIETARY BLEND WITH MEK, 1,2, BUTYLENE OXIDE AND NITROMETHANE THAT PRESERVES THE FLUID AND MAKES IT WORK BETTER IN THE REMOVAL OF CURED PLASTISOLINKS

DEFINITION: The flash point is the lowest temperature at which a liquid or solid gives off enough vapor to form a flammable air-vapor mixture near its surface. The flash point is determined by a variety of test methods which give different results.

**MATERIAL SAFETY DATA SHEET (M.S.D.S.) \* PAGE #2**  
**AMERICAN NIAGARA • 6690 JONES MILL COURT • BLDG.A&B • NORCROSS, GA 30092**  
**PH: (770) 441-5900 • TOLL FREE (800) 241-7708 • FAX (770) 409-7240**  
**24 HOUR EMERGENCY 800-424-9300 CHEMTREC**

**PRODUCT NAME: P.C. SPECIAL**

**SECTION VI HEALTH HAZARD INFORMATION**

**EYE** MAY CAUSE EYE PAIN. MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) IRRITATION WITH SLIGHT CORNEAL INJURY. VAPORS MAY IRRITATE EYES. AVOID SPLASH BACK.

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

**SKIN ABSORPTION** A SINGLE PROLONGED SKIN EXPOSURE IS NOT LIKELY TO RESULT IN ABSORPTION OF HARMFUL AMOUNTS. THE LD50 FOR RABBITS IS ABOUT 15,000 MG/KG.

**INGESTION** 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

**INHALATION** LEVELS OVER 1000 PPM MAY CAUSE DIZZINESS, DRUNKENNESS; CONCENTRATIONS AS LOW AS 10,000 PPM 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.

**SYSTEMIC & OTHER EFFECTS**

**EMERGENCY & FIRST AID PROCEDURES**

**EYE & SKIN** REMOVE CONTAMINATED CLOTHING AND FLUSH EXPOSED AREAS WITH WATER FOR 5 TO 15 MINUTES. FLUSH WITH WATER. GET MEDICAL ATTENTION.

**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.

**NOTE TO PHYSICIAN** 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**

**SMALL LEAKS**  
**LARGE SPILLS** MOP UP, WIPE UP, OR SOAK UP IMMEDIATELY. REMOVE TO OUT-OF-DOORS.

**DISPOSAL METHODS** STOP SPILL AT SOURCE. EVACUATE AREA. CONTAIN LIQUID; TRANSFER TO CLOSED METAL CONTAINERS. KEEP OUT OF WATER SUPPLIES.

**RESPIRATORY:** 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**

**EYE** NONE REQUIRED WHEN USED WITH ADEQUATE VENTILATION, AVOID SPLASH BACK.

**SKIN** CHEMICAL SAFETY GOGGLES, CONTACT LENSES SHOULD NOT BE WORN.

**OTHER** NEOPRENE, VITON, POLYVINYL ALCOHOL COATED GLOVES OR EQUIVALENT.

PROTECTIVE HEADGEAR & APRON WHEN SPLASHING IS A PROBLEM

**VENTILATION REQUIREMENTS** SUFFICIENT TO MAINTAIN BELOW PEL

**SECTION IX SPECIAL PRECAUTIONS**

**HANDLING & STORAGE** 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.

**OTHER** PREVENT MOIST AIR FROM ENTERING STORAGE. NO SMOKING IN PRESENCE OF VAPORS.

**HIGHLY FLAMMABLE --- USE WITH CAUTION**

**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.

C:\PM5N-SPCSPECIA.PM5(01-07)