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**MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.**

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**PRODUCT NUMBER: 631**  
**IDENTITY: PRO-PEN** **20A** **Revision Date: 04/23/2002**

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**Section I**

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**Manufacturer's Name: PRO-PLANET INDUSTRIAL SPLY \*\*\*** **Telephone Numbers:**  
**Address: 1615 MONROVIA AVE.** **Emergency:**  
**800/535-5053**  
**COSTA MESA** **Information:**  
**State: CA Zip Code: 92627** **949/645-4582**

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**HMS CODES: REACTIVITY: 1 FLAMMABILITY: 0 HEALTH: 2 PERSONAL PROTECT: A**

**Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)**

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Name	Cas No.	OSHA PEL	ACGIH TLV	OTHER LIM	%
CARBON DIOXIDE	124-38-9	5000 PPM	5000 PPM	N/A	_____
MINERAL SEAL OIL	64741-44-2	5 MG/M3	5 MG/M3	N/A	_____
TETRACHLOROETHYLENE	*+ 127-18-4	25 PPM	50 PPM	N/A	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

**Comment:**  
**THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN \* SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.**

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**THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.**

**Section III: PHYSICAL/CHEMICAL CHARACTERISTICS**

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**Boiling Point: 250** **Specific Gravity (water=1) 1.43**  
**Vapor Pressure(mm Hg) 15** **Melting Point: N/A**  
**Vapor Density(AIR=1) 1** **Evaporation Rate: 1**  
**Solubility in Water: 0%** **(Butyl Acetate=1)**  
**Appearance and Odor: CLEAR SPRAY, TYPICAL CHLORINATED SOLVENT ODOR**

**Section IV: FIRE AND EXPLOSION HAZARD DATA**

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**Flash Point(Method Used): NONE** **Flammable Limits: LEL: N/A UEL: N/A**  
**Extinguishing Media: STANDARD DRY CHEMICAL FIRE EXTINGUISHER**  
**Special Fire Fighting Procedures: NONE**

**Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING.**

Section V: REACTIVITY DATA

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Stability: Unstable: Conditions to avoid:  
Stable: X TEMPERATURES ABOVE 120 F  
Incompatibility (Materials to Avoid): SOME PLASTICS

Hazardous Decomposition or Byproducts: NONE

Hazardous Polymerization: May Occur: Will Not Occur: X  
Conditions to Avoid: NONE

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES  
Health Hazards(Acute and Chronic):  
INHALATION: DIZZINESS. EXCESSIVE INHALATION MAY LEAD TO UNCONSCIOUSNESS.  
EYES: STRONG IRRITATION. SKIN: MILD IRRITATION. MAY CAUSE DEFATTING OF  
TISSUE. INGESTION: NAUSEA, VOMITING, DIZZINESS, UNCONSCIOUSNESS OR DEATH.  
Carcinogenicity: NTP: YES IARC Monographs: Yes OSHA Reg: Yes  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: EXCESSIVE EXPOSURE  
WILL AGGRAVATE RESPIRATORY, CARDIOVASCULAR OR PULMONARY ILLNESSES.

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR.  
CONSULT PHYSICIAN. SKIN: WASH EFFECTED AREA. CONSULT PHYSICIAN IF IRRITATION  
PERSISTS. EYES: RINSE EYES WITH WATER FOR 15 MINUTES. CONSULT PHYSICIAN  
PHYSICIAN IS IRRITATION PERSISTS. INGESTION: CONSULT PHYSICIAN.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH  
RAG OR USE SOME ABSORBENT CLAY MATERIAL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,  
STATE AND LOCAL GUIDELINES. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO  
NOT REUSE CONTAINER. WRAP CONTAINER AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: DO NOT USE OR STORE NEAR  
HEAT OR OPEN FLAMES. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE  
BURSTING.

Other Precautions: NONE

Section VIII: CONTROL MEASURES

Respiratory Protection: USE ONLY IN WELL VENTILATED AREA.  
Ventilation: Local Exhaust: ADEQUATE  
Mechanical: N/A Special: N/A  
Other: N/A  
Protective Gloves: N/A  
Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.  
Other Protective Clothing or Equipment:  
N/A  
Work/Hygiene Practices:  
WASH HANDS AFTER USE.