



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1281901	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	4-N-1 New Formula	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Aerosol Multi-Purpose Penetrant, Lubricant and Demoisturant	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Gases Under Pressure: Compressed Gas Aspiration Hazard: Category 1	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>		
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### HAZARD STATEMENTS:

DANGER: Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways.  
This product contains the following percentage of chemicals of unknown toxicity: N/A

### PRECAUTIONARY STATEMENTS:

**Prevention:** Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.  
**Response:** IF SWALLOWED: Immediately call a poison center or doctor. Do NOT induce vomiting.  
**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.  
**Disposal:** Dispose of contents and container in accordance with local, state and federal regulations.

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
White mineral oil	8042-47-5	60-80%
Carbon Dioxide	124-38-9	1-5%

**Trade Secret Information:** A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Rinse with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops and persists.  
**SKIN:** Wash thoroughly with water for 15 minutes. Seek medical attention if irritation develops. Take off contaminated clothing and wash it before reuse.  
**INHALATION:**  
Move to fresh air. If breathing difficulty persists, seek medical attention.  
**INGESTION:**  
Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.  
**ACUTE HEALTH HAZARDS:**  
Prolonged contact with skin may cause irritation. Contact with eyes may cause irritation, redness, tearing. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.  
**CHRONIC HEALTH HAZARDS:**  
None known.  
**NOTE TO PHYSICIAN:**  
Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

## 5. Fire-Fighting Measures

### EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, foam, and water spray or fog.

### UNSUITABLE EXTINGUISHING MEDIA:

N/A

### SPECIAL FIRE FIGHTING PROCEDURES:

Wear NIOSH approved Self-Contained Breathing Apparatus with a full-face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Non-combustible. Water spray may be used to keep fire exposed containers cool.

### HAZARDOUS COMBUSTION PRODUCTS:

Various hydrocarbons.

## 6. Accidental Release Measures

### PERSONAL PROTECTIVE EQUIPMENT:

Refer to Section 8 for proper Personal Protective Equipment.

**SPILL:** Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal. Small releases may be wiped up with wiping material.

### WASTE DISPOSAL:

Dispose of in accordance with local, state and federal regulations. Do not reuse container; recycle or place in trash collection. Drums and pails should be offered for recycling.

### RCRA STATUS:

Waste should be fully characterized prior to disposal (40 CFR 261).

## 7. Handling and Storage

### HANDLING AND STORAGE:

Wear proper personal protective equipment when using this product. Store in a cool, dry area. Store only in original container. Store away from food and pet food. Do not use or store near heat, open flames or other sources of ignition. Do not use or store with strong oxidizers. Store locked up. Protect from sunlight. Keep container tightly closed when not in use. Wash hands thoroughly after handling.

### OTHER PRECAUTIONS:

Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not taste or swallow.

**INCOMPATIBILITY:** Strong oxidizing agents.

## 8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
White mineral oil	5 mg/m <sup>3</sup> (oil mist)	5 mg/m <sup>3</sup> (oil mist)
Carbon Dioxide	5000 ppm	5000 ppm

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles.



**Eye/Face Protection:** Safety glasses/goggles.

**Respiratory Protection:** Not required with normal use. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

### ENGINEERING CONTROLS/VENTILATION:

General ventilation adequate.

### ADDITIONAL MEASURES:

Wash hands thoroughly after handling.

## 9. Physical & Chemical Properties

<b>Appearance:</b>	Amber misting cone.	<b>Flammability(solid/gas):</b>	Not considered a flammable liquid by OSHA (29CFR 1910.1200).
<b>Odor:</b>	Banana odor.	<b>Flammability Limit-lower (%):</b>	Not determined.
<b>Odor Threshold:</b>	Not determined.	<b>Flammability Limit-upper (%):</b>	Not determined.
<b>pH:</b>	Not determined.	<b>Explosive Limit-Lower (%):</b>	Not determined.
<b>Melting/Freezing Point:</b>	Not determined.	<b>Explosive Limit-Upper (%):</b>	Not determined.
<b>Initial Boiling Point/Range:</b>	Not determined.	<b>Vapor Density (AIR=1):</b>	Not determined.
<b>Flash Point:</b>	Not determined.	<b>Vapor Pressure (mm Hg):</b>	Not determined.
<b>Viscosity:</b>	Not determined.	<b>Relative Density (H2O=1):</b>	0.83 - 0.87 @ 77°F (25°C).
<b>Evaporation Rate:</b>	Slow.	<b>Solubility (ies):</b>	Insoluble.
<b>Auto-Ignition Temp:</b>	Not determined.	<b>Partition Coefficient: n-octanol/water (Kow):</b>	Not determined.
<b>Decomposition Temp:</b>	Not determined.		

## 10. Stability & Reactivity Information

### REACTIVITY:

None known.

### CHEMICAL STABILITY:

Stable.

### POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

### CONDITIONS TO AVOID:

Avoid open flame, electric arc, and other high energy ignition sources. Avoid incompatible materials.

### INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

## 11. Toxicological Information

### TOXICOLOGICAL INFORMATION:

**White mineral oil (8042-47-5):** LD<sub>50</sub> (Oral, Rat) > 5000 mg/kg; LD<sub>50</sub> (Dermal) > 2000 mg/kg; LC<sub>50</sub> (Inhalation Dust/Mist, Rat, 4h) > 5 g/L.

**ROUTES OF ENTRY:** Eyes, Ingestion, Skin

**EYES:** May cause mild irritation, redness.

**INGESTION:** May cause gastrointestinal irritation, abdominal cramps. Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs must be avoided as even small quantities may result in aspiration pneumonitis.

**INHALATION:** May cause respiratory tract irritation. No hazards with normal use.

**SKIN:** May cause mild irritation.

**MEDICAL CONDITION AGGRAVATED:**

None known.

**ACUTE HEALTH HAZARDS:**

Prolonged contact with skin may cause irritation. Contact with eyes may cause irritation, redness, tearing. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

**CHRONIC HEALTH HAZARDS:**

None known.

**CARCINOGENICITY:** OSHA: No    ACGIH: No    NTP: No    IARC: No    OTHER: N/A

**12. Ecological Information**

**ECOTOXICITY:**

**White mineral oil** (8042-47-5): LC<sub>50</sub> (*Oncorhynchus mykiss*, 96h) 5000 mg/L; EC50 (*Daphnia magna*, 48h) 1000 mg/L.

**PERSISTENCE AND DEGRADABILITY:**

Component or components of this product are not biodegradable.

**BIOACCUMULATIVE POTENTIAL:**

Components in this mixture can bioaccumulate in aquatic organisms.

**MOBILITY IN SOIL:**

Not determined.

**OTHER ADVERSE EFFECTS:**

An environmental hazard cannot be excluded in the event of improper handling or disposal.

**13. Disposal Consideration**

**WASTE DISPOSAL:**

Dispose of in accordance with local, state and federal regulations. Do not reuse container; recycle or place in trash collection. Drums and pails should be offered for recycling.

**RCRA STATUS:**

Waste should be fully characterized prior to disposal (40 CFR 261).

**14. Transportation Information**

**DOT:**    **PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN1950

**PACKING GROUP:** N/A

**IATA:**    **AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, non-flammable.

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN1950

**PACKING GROUP:** N/A

**IMDG:**    **SHIPPING BY WATER: VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Aerosols.

**HAZARD CLASS/DIVISION:** 2.2

**UN/NA NUMBER:** UN1950

**PACKING GROUP:** N/A

**ENVIRONMENTAL HAZARDS WATER:** N/A

**15. Regulatory Information**

**TSCA STATUS:** All chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None.

**SARA 311/312 HAZARD CATEGORIES:** Aspiration hazard.

**SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

**CLEAN WATER ACT:** None.

**STATE REGULATIONS: California Proposition 65:** This product does not contain chemicals regulated by California Proposition 65.

**INTERNATIONAL REGULATIONS:**

Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia); Domestic Substances List (DSL, Canada); Inventory of Existing Chemical Substances in China (IECSC, China); Korean Existing Chemicals Inventory (KECI, Korea); New Zealand Inventory of Chemicals (NZIoC, New Zealand).

**VOLATILE ORGANIC COMPOUNDS (VOC):** < 1%

## 16. Other Information

N/A = Not Applicable; N/D = Not Determined

### **DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.