






# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1707	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	4-N-1	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Aerosol Penetrant, Lubricant, Demoisturant & Protectant	<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> Compressed Gas Aspiration Hazard, Category 1 Skin Sensitizer, Category 1 Reproductive Toxicity, Category 2	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>			
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### HAZARD STATEMENTS:

H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H317 May cause an allergic skin reaction.  
H361 Suspected of damaging fertility or the unborn child.

### PRECAUTIONARY STATEMENTS:

**Prevention:** P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P203 Obtain, read and follow all safety instructions before use.  
P261 Avoid breathing dust, fumes, gas, mist, vapours, or spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves, protective clothing, eye protection and face protection.

**Response:** P301+P316 IF SWALLOWED: Get emergency medical help immediately.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P318 IF exposed or concerned, get medical help.

P331 Do NOT induce vomiting.

P333+P317 If skin irritation or rash occurs: Get medical help.

P362+P364 Take off contaminated clothing and wash it before reuse.

**Storage:** P405 Store locked up.

P410+P403 Protect from sunlight. Store in a well-ventilated place.

**Disposal:** P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

### OTHER INFORMATION:

None.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
White Mineral Oil	8042-47-5	75-100
Octamethylcyclotetrasiloxane	556-67-2	2.5-10
Sulfonic Acids, Petroleum, Calcium Salts	61789-86-4	2.5-10
Carbon Dioxide	124-38-9	1.0-2.5
Distillates (petroleum), Hydrotreated Heavy Naphthenic [ $<3\%$ DMSO]	64742-52-5	1.0-2.5

\*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition Comments:** Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**SKIN:** Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

**EYE:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

### INHALATION:

Move to fresh air.

### INGESTION:

Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

### IMPORTANT SYMPTOMS:

No data available.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Get medical attention if symptoms occur.

## 5. Fire Fighting Measures

### EXTINGUISHING MEDIA:

Use fire-extinguishing media appropriate for surrounding materials.

### UNSUITABLE EXTINGUISHING MEDIA:

Do not use water jet as an extinguisher, as this will spread the fire.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

No data available.

### SPECIAL FIREFIGHTING PROCEDURES:

No data available.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

No data available.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

### ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer.

Environmental manager must be informed of all major spillages.

## 7. Handling and Storage

### HANDLING:

Wear personal protective equipment.

### SAFE HANDLING ADVICE:

Observe good industrial hygiene practices.

### STORAGE:

No data available.

### NFPA 30B:

Aerosol Level 3

## 8. Exposure Controls / Personal Protection

### OCCUPATIONAL EXPOSURE LIMITS

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

CHEMICAL NAME	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING
White Mineral Oil	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	N.E.
Octamethylcyclotetrasiloxane	N.E.	N.E.	N.E.	N.E.
Sulfonic Acids, Petroleum, Calcium Salts	N.E.	N.E.	N.E.	N.E.
Carbon Dioxide	5000 ppm	30000 ppm	5000 ppm	N.E.
Distillates (petroleum), Hydrotreated Heavy	5 mg/m <sup>3</sup>	N.E.	500 ppm	N.E.
Naphthenic [ $<3\%$ DMSO]				

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation

Sk = Skin Sensitizer N.E. = Not Established.

### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Wear goggles/face shield.

**Skin Protection:** No data available.

**Respiratory Protection:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

**General Hygiene Considerations:** General industrial hygiene practice.

### ENGINEERING CONTROLS:

Provide adequate ventilation.

## 9. Physical & Chemical Properties

Physical State:	Liquid.	Flammability (solid/gas):	No data available.
Form:	Spray Aerosol.	Combustibility:	Does not Support Combustion.
Color:	Brown.	Explosive Limits %:	No data available.
Odor:	Masking Fragrance.	Vapor Pressure @20°C, PSI:	80-100
Odor Threshold:	No data available.	Vapor Density:	No data available.
pH:	No data available.	Relative Density:	0.844
Freezing Point °C:	No data available.	Solubility (water):	No data available.
Boiling Point °C:	175	Auto-Ignition Temperature °C:	No data available.
Partition Coeff (n-octanol/water):	No data available.	Decomposition Temperature °C:	No data available.
Flash Point °C:	No data available.	Evaporation Rate:	No data available.
Kinematic Viscosity:	No data available.		

## 10. Stability & Reactivity Information

### REACTIVITY:

No data available.

### STABILITY:

Material is stable under normal conditions.

### POSSIBILITY OF HAZARDOUS REACTIONS:

No data available.

**CONDITIONS TO AVOID:**

Avoid heat or contamination.

**INCOMPATIBILITY:**

No data available.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

No data available.

**11. Toxicological Information****PRIMARY ROUTE OF ENTRY:****IMPORTANT SYMPTOMS:** No data available.**Eyes:** May cause slight irritation with tearing.**Skin:** May cause irritation on prolonged or repeated contact.**Inhalation:** Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.**Ingestion:** Ingestion may cause irritation of the mucous membranes, esophagus and stomach.**CHRONIC HAZARDS:** No data available**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC, ACGIH, NTP or OSHA.**The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.****ATE ORAL** 5,431 mg/kg**ATE DERMAL** 2,213 mg/kg**ATE INHALATION** Not classified for acute toxicity based on available data.**ACUTE TOXICITY VALUES:****The acute effects of this product have not been tested. Data on individual components are tabulated below.**

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
8042-47-5	White Mineral Oil	5000 mg/kg	2000 mg/kg	100 mg/l
556-67-2	Octamethylcyclotetrasiloxane	4800 mg/kg	5000 mg/kg	100 mg/l
61789-86-4	Sulfonic Acids, Petroleum, Calcium Salts	16000 mg/kg	4000 mg/kg	100 mg/l
124-38-9	Carbon Dioxide	5000 mg/kg	5000 mg/kg	100 mg/l
64742-52-5	Distillates (petroleum), Hydrotreated Heavy Naphthenic [<3% DMSO]	5000 mg/kg	2000 mg/kg	100 mg/l

N.I. = No Information

**SKIN CORROSION & IRRITATION:****Product:** No data available.**SERIOUS EYE DAMAGE & IRRITATION:****Product:** No data available.**RESPIRATORY OR SKIN SENSITIZATION:****Product:** No data available.**Components:** Sulfonic Acids, Petroleum, Calcium Salts (61789-86-4) May cause an allergic skin reaction.**STOT-SINGLE EXPOSURE:****Product:** No data available.**STOT-REPEATED EXPOSURE:****Product:** No data available.**ASPIRATION HAZARD:****Product:** No data available.**Components:** White Mineral Oil (8042-47-5) May be fatal if swallowed and enters airways.**CARCINOGENICITY:****Product:** No data available.**REPRODUCTIVE TOXICITY:****Product:** No data available.**Components:** Octamethylcyclotetrasiloxane (556-67-2) Suspected of damaging fertility or the unborn child.**GERM CELL MUTAGENICITY:****Product:** No data available.**12. Ecological Information****ECOLOGICAL INFORMATION:**

No data available

**PERSISTENCE:**

No data available.

**BIOACCUMULATE:**

No data available.

**MOBILITY IN SOIL:**

No data available.

**OTHER ECOLOGICAL:**

No data available.

**13. Disposal Consideration****DISPOSAL INFORMATION:**

Consult with your local, regional and federal agencies for information on proper disposal.

**CONTAMINATED PACKAGING:**

Consult with your local, regional and federal agencies for information on proper disposal.

#### 14. Transportation Information

**SPECIAL TRANSPORT PRECAUTIONS:** No data available

**DOT** UN Number: UN1950  
Proper Shipping Name: AEROSOLS, NON-FLAMMABLE  
Technical Name: N/A  
Hazard Class(es)  
Class: 2.2  
Subsidiary Risk: N/A  
Packing Group: N/A

**IATA** UN Number: UN1950  
Proper Shipping Name: AEROSOLS, NON-FLAMMABLE  
Technical Name: N/A  
Hazard Class(es)  
Class: 2.2  
Subsidiary Risk: N/A  
Packing Group: N/A

**IMDG** UN Number: UN1950  
Proper Shipping Name: AEROSOLS, NON-FLAMMABLE  
Technical Name: N/A  
Hazard Class(es)  
Class: 2.2  
Subsidiary Risk: N/A  
Packing Group: N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

#### 15. Regulatory Information

**CHEMICAL INVENTORY STATUS:**

**TSCA** On or in compliance with the inventory  
**DSL** On or in compliance with the inventory

**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:**

No Proposition 65 chemicals present or warning required.

#### 16. Other Information

**LEGEND:**

N/A - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information  
TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)  
PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended  
TSCA - U.S. Toxic Substance Control Act  
DSL - Canada Environmental Protection Act: Domestic Substance List

**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.