





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1785	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	LOOSEN UP	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Food Grade Lubricant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Compressed gas. Aspiration Hazard: Category 1	SIGNAL WORD: DANGER	SYMBOL:		
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HAZARD STATEMENTS:

May be fatal if swallowed and enters airways. Contains gas under pressure; May explode if heated.
This product contains the following percentage of chemicals of unknown toxicity: 0%

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 a doctor. Do NOT induce vomiting.

Storage: Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

Disposal: Dispose of contents/container in accordance with local/regional/national guidelines.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Carbon Dioxide	124-38-9	1-4%
Distillates petroleum, hydrotreated light	64742-47-8	40-50%
Mineral Oil	8042-47-5	40-50%

4. First Aid Measures

EMERGENCY OVERVIEW

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

INHALATION: Move to fresh air. Avoid breathing oil mists. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

MOST IMPORTANT SYMPTOMS/EFFECTS:

Acute: Eyes-May cause tearing and redness.

Oral: Aspiration risk.

Skin: Prolonged or repeated contact may dry skin.

Chronic Health Hazards: None known.

NOTE TO PHYSICIAN:

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately. There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Dry chemical, foam or carbon dioxide (CO₂).

UNSUITABLE FIRE EXTINGUISHING MEDIA:

Water spray/stream.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Keep away from sparks, open flames and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Oxides of carbon.

SPECIFIC FIRE-FIGHTING METHODS:

Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

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.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Refer to Section 8 for proper personal protective equipment.

WASTE DISPOSAL:

Dispose of in accordance with federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate or reuse container.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Absorb with noncombustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

7. Handling and Storage

SAFE HANDLING:

Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

SAFE STORAGE & INCOMPATIBILITIES:

Store locked up. Avoid strong oxidizing agents.

Other Precautions: None.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Carbon Dioxide	5000 ppm	5000 ppm
Distillates petroleum, hydrotreated light	Not established	Not established
Mineral Oil	5 mg/m ³ (oil mist)	10 mg/m ³

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Safety glasses.

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

General Hygiene Considerations: Wash hands and clothing in contact with product after use.

APPROPRIATE ENGINEERING CONTROLS:

General ventilation adequate.

9. Physical & Chemical Properties

Appearance:	Clear aerosol spray.	Flammability(solid/gas):	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200).
Odor:	Mild to no odor.	Flammability Limit-lower (%):	Not determined.
Odor Threshold:	Not determined.	Flammability Limit-upper (%):	Not determined.
pH:	Not available.	Vapor Density (AIR=1):	> 2.
Melting/Freezing Point:	Not determined.	Vapor Pressure (mm Hg):	<1.0 @ 77°F (25°C).
Boiling Point/Range:	Not determined.	Solubility (water):	Emulsion.
Viscosity:	Not determined.	Auto-Ignition Temp:	Not determined.
Flash Point:	> 200°F (93°C).	Decomposition Temp:	Not determined.
Specific Gravity (H2O=1):	0.82-0.083 @ 77° F (25° C).	Partition Coeff(n-octanol/water)(KOW):	Not determined.
VOC:	0%.	Evaporation Rate:	<1.

10. Stability & Reactivity Information

REACTIVITY:

None known.

CHEMICAL STABILITY:

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Temperatures greater than 122°F may cause bursting.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon, various hydrocarbons.

11. Toxicological Information

Carbon Dioxide: (124-38-9) LC50 (Inhalation, Rat, 30 min) 470,000 ppm

PRIMARY ROUTE OF ENTRY:

Eyes: May cause irritation, redness, tearing.

Skin: May cause irritation, localized defatting. Redness and itching or burning sensation may indicate excessive exposure.

Inhalation: May cause irritation to the respiratory tract.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea, vomiting. Harmful if swallowed.

ACUTE TOXICITY:

Eye: May cause tearing and redness.

Oral: Aspiration risk.

Skin: Prolonged or repeated contact may dry skin.

CARCINOGENICITY:

OSHA: No. **ACGIH:** No. **NTP:** No. **IARC:** No. **OTHER:** Not applicable.

MEDICAL CONDITIONS AGGRAVATED:

Preexisting disorders of the skin, respiratory system and eyes will be aggravated by over exposure.

CHRONIC EFFECTS:

None known.

12. Ecological Information

ECOTOXICITY:

Not established.

PERSISTENCE AND DEGRADABILITY:

This product is biodegradable.

BIOACCUMULATIVE POTENTIAL:

This product is not expected to bioaccumulate.

MOBILITY IN SOIL:

This product is mobile in soil.

OTHER ADVERSE EFFECTS:

None known.

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Dispose of in accordance with federal, state and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate or reuse container.

RCRA STATUS:

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

14. Transportation Information

DOT: **UN Number:** UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.2

Packing Group: Not applicable.

IATA: **AIR SHIPMENT**

UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.2

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

UN Number: UN1950

UN Proper Shipping Name: Aerosols, Ltd. Qty.

Transport Hazard Class(es):

Class: 2.2

Environmental Hazards: Not applicable.

15. Regulatory Information

US FEDERAL REGULATIONS:

TSCA Status:All Chemicals are listed or exempt.

CERCLA (Comprehensive Response Compensation, and Liability Act): None.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):

SARA 311/312 Hazardous chemical: None.

SARA 313 (TRI reporting): None.

OTHER FEDERAL REGULATIONS:

Clean Water Act: None.

US STATE REGULATIONS:

California Proposition 65: None.

INTERNATIONAL REGULATIONS:

All components are listed or exempted.

16. Other Information

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.