



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:
Gases Under Pressure: Compressed Gas
Aspiration Hazard: Category 1

SIGNAL WORD:
DANGER

SYMBOL:



HAZARD STATEMENTS:

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 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 and container in accordance with local, state and federal regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

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

4. First Aid Measures

EMERGENCY OVERVIEW

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: Wash thoroughly with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

INHALATION:

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate 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 of mist or vapors may cause respiratory 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 fog.

UNSUITABLE EXTINGUISHING MEDIA:

Water jets or streams.

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:

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

HAZARDOUS COMBUSTION PRODUCTS:

Oxides of carbon.

6. Accidental Release Measures

PERSONAL PROTECTIVE EQUIPMENT:

Refer to section VIII 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 dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

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. Avoid contact with skin, eyes and clothing. Protect from sunlight. Store in a well-ventilated area. Do not expose to temperatures exceeding 50°C/122°F.

Pressurized Container: Do not pierce or burn, even after 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.

INCOMPATIBILITY:

Some plastics and strong oxidizers.

8. Exposure Controls / Personal Protection

HAZARDOUS INGREDIENT

Mineral Oil

OSHA PEL

5 mg/m³ (oil mist)

ACGIH TLV

5 mg/m³ (oil mist)

Distillates (petroleum), hydrotreated light

Not established

Not established

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. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded. Additional Measures: Wash hands and clothing in contact with product after use.

ENGINEERING CONTROLS/VENTILATION:

General ventilation adequate.

9. Physical & Chemical Properties

Appearance:	Clear, spray yellow tint 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 applicable.	Explosive Limit-lower (%):	Not determined.
Melting/Freezing Point:	Not determined.	Explosive Limit-upper (%):	Not determined.
Initial Boiling Point/Range:	Not determined.	Relative Density (H2O=1):	0.81 - 0.83 @ 77°F (25°C)
Viscosity:	Not determined.	Vapor Density (AIR=1):	Not determined.
Flash Point:	> 200°F (93.3°C)	Vapor Pressure (mm Hg):	Not determined.
Decomposition Temp:	Not determined.	Solubility(ies):	Emulsion.
Partition Coeff(n-octanol/water)(Kow):	Not determined.	Auto-ignition Temp:	Not determined.
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 and sources of ignition. Avoid incompatibles.

INCOMPATIBLE MATERIALS:

Some plastics and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

11. Toxicological Information

TOXICOLOGICAL INFORMATION:

White mineral oil (8042-47-5): LD50 (Oral, Rat) > 5000 mg/kg; LD50 (Dermal) > 2000 mg/kg; LC50 (Inhalation Dust/Mist, Rat, 4h) > 5 g/L.

Distillates (petroleum), hydrotreated light (64742-47-8): LD50 (Oral, Rat) 5 g/kg; LD50 (Dermal, Rabbit) 2 g/kg; LC50 (Inhalation, Rat, 4h) 5 mg/L. Carbon dioxide (124-38-9): LC50 (Inhalation, Rat, 30m) 470,000 ppm.

PRIMARY ROUTE OF ENTRY: Eyes, Inhalation, Skin
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: Not a likely route of exposure under normal product handling conditions. May cause gastrointestinal irritation, nausea, diarrhea, vomiting. Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia or edema.

MEDICAL CONDITIONS AGGRAVATED:
Pre-existing disorders of the skin, respiratory system and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS:
Prolonged contact with skin may cause irritation. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory 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): LC₅₀ (*Oncorhynchus mykiss*, 96h) 5000 mg/L; EC₅₀ (*Daphnia magna*, 48h) 1000 mg/L.
Distillates (petroleum), hydrotreated light (64742-47-8): LC₅₀ (*Daphnia*, 48h) > 1000 mg/L; EC₅₀ (*Algae*, 72h) > 1000 mg/L.

PERSISTENCE AND DEGRADABILITY:
This product is biodegradable.

BIOACCUMULATIVE POTENTIAL:
Components in this mixture can bioaccumulate in aquatic organisms.

MOBILITY IN SOIL:
This product is mobile in soil.

OTHER ADVERSE EFFECTS:
None known.

13. Disposal Consideration

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

RCRA STATUS:
Waste 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, non-flammable.
 Transport Hazard Class(es):
 Class: 2.2

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
 UN Number: UN1950
 UN Proper Shipping Name: Aerosols.
 Transport Hazard Class(es):
 Class: 2.2
 Environmental Hazards: Not applicable.

15. Regulatory Information

TSCA STATUS: All chemicals are listed or exempt.

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

SARA 311/312 HAZARD CATEGORIES:
Gas under pressure. 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); Existing and New Chemical Substances (ENCS, Japan); Korea Existing Chemicals List (KECL, Korea); New Zealand Inventory of Chemicals (NZIoC, New Zealand); Philippine Inventory of Chemicals and Chemical Substances (PICCS, Philippines); Taiwan Chemical Substance Inventory (TCSI, Taiwan).

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

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.