



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1259	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	PRESTO	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Starting Fluid For All Gasoline and Diesel Engines	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION:
Flammable Aerosol: Category 1 H222
Liquefied gas H280
Flammable Liquid: Category 1 H224
Acute Toxicity (Oral): Category 4
Skin Irritant: Category 2 H315
Eye Irritant: Category 2B H320
Carcinogen: Category 1B H350
STOT SE: Category 3 H336
Aspiration Toxicity: Category 1 H304
Full text of H-phrases: See Section 16

SIGNAL WORD:
DANGER

SYMBOL:



HAZARD STATEMENTS:

Extremely flammable aerosol. Extremely flammable liquid and vapor. Contains gas under pressure; may explode if heated. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes eye irritation. May cause drowsiness or dizziness. May cause cancer.

PRECAUTIONARY STATEMENTS:

Prevention:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, sparks, open flames, hot surfaces, Do not smoke. No smoking.
Do not spray on an open flame or other ignition source.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical, lighting, ventilating equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing fume, vapors, spray.
Wash thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves, eye protection.

Response:

IF SWALLOWED: Immediately call a doctor, a POISON CENTER. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Call a doctor, a POISON CENTER if you feel unwell.
Specific treatment (see First aid measures on this label).
Rinse mouth.
Do NOT induce vomiting.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
Keep cool.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of contents/container to comply with local/regional/national/international regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

UNKNOWN ACUTE TOXICITY:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT	CLASSIFICATION (GHS-US_
heptane, n-heptane	142-82-5	30.0-60.0	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
diethyl ether, ether	60-29-7	30.0 - 60.0	Flam. Liq. 1, H224 Acute Tox. 4 (Oral), H302 STOT SE 3, H336
Heavy hydrotreated naphthenic distillates	64742-52-5	0.5-1.5	Carc. 1B, H350

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: If you feel unwell, seek medical advice (show the label where possible).

EYES: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

SKIN: If skin irritation or rash occurs: Get medical advice/attention. Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Artificial respiration and/or oxygen if necessary.

INGESTION:

Do not induce vomiting. Immediately call a poison center or doctor/physician. Vomiting: prevent asphyxia/aspiration pneumonia.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/injuries: May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes skin irritation. Causes eye irritation. May cause cancer.

Symptoms/injuries after inhalation: May cause drowsiness or dizziness. May cause respiratory irritation.

Symptoms/injuries after skin contact: Causes skin irritation.

Symptoms/injuries after eye contact: Causes eye irritation.

Symptoms/injuries after ingestion: May be fatal if swallowed and enters airways.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Treat symptomatically. Symptoms may be delayed.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Foam. Dry chemical powder. Carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use extinguishing media containing water.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable aerosol. Under fire conditions, closed containers may rupture or explode. Contains gas under pressure; may explode if heated. Vapors may travel long distances along ground before igniting/flashing back to vapor source. Upon combustion: CO and CO₂ are formed.

SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not attempt to take action without suitable protective equipment.

6. Accidental Release Measures

GENERAL MEASURES:

Evacuate unnecessary personnel. Isolate from fire, if possible, without unnecessary risk. Gas is denser than air. May accumulate in low areas, e.g. close to the ground.

PERSONAL PRECAUTIONS:

For non-emergency personnel: Protective equipment: Do not enter without appropriate protective equipment.

For emergency responders: Protective equipment: Equip cleanup crew with proper protection. Emergency procedures: Stop leak, if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Prevent entry to sewers and public waters. Do not allow to enter drains or watercourses.

For containment: Stop leak, if safe to do so. Isolate area until gas has dispersed. Eliminate every possible source of ignition. Use water spray to disperse the vapors. Collect spillage.

Methods for cleaning up: Take up liquid spill into inert absorbent material.

REFERENCE TO OTHER SECTIONS:

No additional information available.

7. Handling and Storage

SAFE HANDLING:

Pressurized container: Do not pierce or burn, even after use. Avoid contact with skin, eyes, and clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

SAFE STORAGE & INCOMPATIBILITIES:

Technical measures: Do not puncture, incinerate, or crush.

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

Heat-ignition: KEEP SUBSTANCE AWAY FROM: Ignition sources, heat sources.

Storage area: Store in a cool area. Store away from heat.

8. Exposure Controls / Personal Protection

diethyl ether, ether (60-29-7)			
ACGIH	ACGIH TWA (ppm)	400 ppm	
ACGIH	ACGIH STEL (ppm)	500 ppm	
ACGIH	Remark (ACGIH)	CNS impair; URT irr	
heptane, n-heptane (142-82-5)			
ACGIH	ACGIH TWA (ppm)	400 PPM	

APPROPRIATE ENGINEERING CONTROLS:

Ensure good ventilation of the workstation.

PERSONAL PROTECTIVE EQUIPMENT:

Gloves. Safety glasses. Protective clothing.



9. Physical & Chemical Properties

Appearance:	Aerosol. Clear, colorless liquid.	Flammability(solid/gas):	No data available.
Physical State:	Liquid	Explosion Limits:	No data available.
Odor:	Ether-like odor	Explosive Properties:	No data available.
Odor Threshold:	No data available.	Oxidizing Properties:	No data available.
pH:	No data available.	Vapor Pressure:	No data available.
Melting Point:	No data available.	Relative Density:	No data available.
Freezing Point:	No data available.	Solubility (water):	Insoluble in water.
Log Pow:	No data available.	Auto-Ignition Temperature:	No data available.
Viscosity:	< 20 cSt	Decomposition Temperature:	No data available.
Specific Gravity:	< 1 g/ml	Relative Vapor Density @ 20°C:	No data available.
Boiling Point:	No data available.	Log Kow:	No data available.
Flash Point:	No data available.	Viscosity (kinematic):	No data available.
Relative Evaporation Rate (butyl acetate=1):	No data available.	Viscosity (dynamic):	No data available.
VOC content:	> 90%		

10. Stability & Reactivity Information

REACTIVITY:

Upon combustion: CO and CO₂ are formed.

CHEMICAL STABILITY:

The product is stable at normal handling and storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Hazardous polymerization does not occur.

INCOMPATIBLE MATERIALS:

Acids. Oxidizing agent.

CONDITIONS TO AVOID:

No flames. No sparks. Eliminate all sources of ignition.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxide. Carbon monoxide.

11. Toxicological Information

ACUTE TOXICITY:

Oral: Harmful if swallowed.

diethyl ether, ether (60-29-7): ATE CLP (oral): 500.000 mg/kg body weight

SKIN CORROSION/IRRITATION:

Causes skin irritation.

RESPIRATORY OR SKIN SENSITIZATION:

Not classified.

SERIOUS EYE DAMAGE/IRRITATION:

Causes eye irritation.

GERM CELL MUTAGENICITY:

Not classified.

CARCINOGENICITY:

May cause cancer.

REPRODUCTIVE TOXICITY:

Not classified.

SPECIFIC TARGET ORGAN TOXICITY –single exposure:

May cause drowsiness or dizziness.

SPECIFIC TARGET ORGAN TOXICITY –repeated exposure:

Not classified.

ASPIRATION HAZARD:

May be fatal if swallowed and enters airways.

SYMPTOMS/INJURIES AFTER INHALATION:

May cause drowsiness or dizziness. May cause respiratory irritation.

SYMPTOMS/INJURIES AFTER SKIN CONTACT:

Causes skin irritation.

SYMPTOMS/INJURIES AFTER EYE CONTACT:

Causes eye irritation.

SYMPTOMS/INJURIES AFTER

May be fatal if swallowed and enters airways.

PRIMARY ROUTES OF EXPOSURE:

Dermal, inhalation.

12. Ecological Information

TOXICITY: No additional information available.

PERSISTENCE AND DEGRADABILITY:

No additional information available.

BIOACCUMULATIVE POTENTIAL:

No additional information available.

13. Disposal Consideration

Dispose of contents/container to comply with local/regional/national/international regulations.

14. Transportation Information**DEPARTMENT OF TRANSPORTATION (DOT)**

This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.306.

ADR: No additional information available.

TRANSPORT BY SEA

No additional information available.

AIR TRANSPORT:

No additional information available.

15. Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

California Proposition 65:

This product does not contain a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

16. Other Information**Training Advice:**

Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

Acute Tox. 4 (Oral) Acute toxicity (oral) Category 4
Aquatic Acute 1 Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1 Hazardous to the aquatic environment - Chronic Hazard Category 1
Asp. Tox. 1 Aspiration hazard Category 1
Carc. 1B Carcinogenicity Category 1B
Eye Irrit. 2B Serious eye damage/eye irritation Category 2B
Flam. Aerosol 1 Flammable aerosol Category 1
Flam. Liq. 1 Flammable liquids Category 1
Flam. Liq. 2 Flammable liquids Category 2
Liquefied gas Gases under pressure Liquefied gas
Skin Irrit. 2 Skin corrosion/irritation Category 2
STOT SE 3 Specific target organ toxicity (single exposure) Category 3
H222 Extremely flammable aerosol
H224 Extremely flammable liquid and vapor
H225 Highly flammable liquid and vapor
H280 Contains gas under pressure; may explode if heated
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H320 Causes eye irritation
H336 May cause drowsiness or dizziness
H350 May cause cancer
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

DISCLAIMER:

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