





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1265	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	PRO GLOW	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Automotive Buffing Detailer and Wax	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable aerosols: Category 1 Aspiration hazard Category 1 Environmental hazards: Not classified. OSHA defined hazards: Not classified.	SIGNAL WORD: DANGER	SYMBOL:		
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HAZARD STATEMENTS:

Extremely flammable aerosol. May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS:

Prevention: Keep away from heat/sparks/open flames/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/doctor. Do NOT induce vomiting.

Storage: Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

HAZARDS NOT OTHERWISE SPECIFIED:

None known.

SUPPLEMENTAL INFORMATION:

None.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Distillates (Petroleum), Hydrotreated Light	64742-47-8	20-40
Propane	74-98-6	2.5-10
Other components below reportable levels		60-80

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.

INHALATION:

If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

INGESTION:

Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Powder. Alcohol resistant foam. Water fog. Dry chemicals. Carbon dioxide (CO₂).

UNSUITABLE FIRE EXTINGUISHING MEDIA:

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

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

SPECIFIC FIRE-FIGHTING METHODS:

Move containers from fire area, if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

GENERAL FIRE HAZARDS:

Extremely flammable aerosol.

6. Accidental Release Measures**PERSONAL PRECAUTIONS:**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak, if you can do so without risk. Move the cylinder to a safe and open area, if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements, or confined areas. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS. Never return spills in original containers for reuse. Avoid discharge into drains, watercourses or onto the ground.

7. Handling and Storage**SAFE HANDLING:**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not reuse empty containers. Avoid prolonged or repeated contact with skin. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

SAFE STORAGE & INCOMPATIBILITIES:

Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate, or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure Controls / Personal Protection**Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

COMPONENTS	TYPE	VALUE
Propane (CAS 74-98-6)	PEL	1800 mg/m3 1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

COMPONENTS	TYPE	VALUE
Propane (CAS 74-98-6)	TWA	1800 mg/m3 1000 ppm

BIOLOGICAL LIMIT VALUE:

No biological exposure limits noted for the ingredient(s).

ENGINEERING CONTROLS:

Explosion-proof general and local exhaust ventilation.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**EYE PROTECTION:** Face shield is recommended. Chemical goggles are recommended.**SKIN PROTECTION:** Wear appropriate chemical resistant gloves. Wear suitable protective clothing.**RESPIRATORY PROTECTION:** If permissible levels are exceeded, use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.**THERMAL HAZARDS:** Wear appropriate thermal protective clothing, when necessary.**GENERAL HYGIENE CONSIDERATIONS:** When using, do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.**9. Physical & Chemical Properties**

Appearance:		Flammability(solid/gas):	Not available.
Physical State:	Gas.	Flammability Limit-lower (%):	2.2% estimated
Form:	Aerosol.	Flammability Limit-upper (%):	9.5 % estimated
Color:	Not available.	Explosive Limit - lower (%):	Not available.
Odor:	Not available.	Explosive Limit - upper (%):	Not available.
Odor Threshold:	Not available.	Vapor Pressure:	50 - 70 psig estimated
pH:	Not available.	Vapor Density:	Not available.
Melting/Freezing Point:	Not available.	Relative Density:	Not available.
Initial Boiling Point/Range:	191.45°F (88.58°C) est	Solubility (water):	Not available.
Partition Coeff (n-octanol/water):	Not available.	Auto-Ignition Temperature:	483.53°F (250.85°C) estimated
Viscosity:	Not available.	Decomposition Temperature:	Not available.
Specific Gravity:	0.892 estimated	Flash Point:	-156.0°F (-104.4°C) Propellant estimated
Evaporation Rate:	Not available.		

10. Stability & Reactivity Information

REACTIVITY:

The product is stable and non-reactive under normal conditions of use, storage, and transport.

CHEMICAL STABILITY:

Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents. Fluorine. Chlorine. Nitrates.

CONDITIONS TO AVOID:

Avoid heat, sparks, open flames, and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

DECOMPOSITION PRODUCTS:

No hazardous decomposition products are known.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

EYES: Direct contact with eyes may cause temporary irritation.

SKIN: No adverse effects due to skin contact are expected.

INHALATION: Not available.

INGESTION: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

ACUTE TOXICITY:

May be fatal if swallowed and enters airways. Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

COMPONENTS	SPECIES	TEST RESULTS
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg > 2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	> 7.5 mg/l, 6 Hours > 4.6 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Propane (CAS 74-98-6)		
Acute		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes 52 %, 120 Minutes
	Rat	1355 mg/l 658 mg/l/4h

* Estimates for product may be based on additional component data not shown.

SKIN CORROSION/IRRITATION:

Prolonged skin contact may cause temporary irritation.

SERIOUS EYE DAMAGE/IRRITATION:

Direct contact with eyes may cause temporary irritation.

RESPIRATORY SENSITIZATION:

Not a respiratory sensitizer.

SKIN SENSITIZATION:

This product is not expected to cause skin sensitization.

GERM CELL MUTAGENICITY:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

CARCINOGENICITY:

Risk of cancer cannot be excluded with prolonged exposure.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

REPRODUCTIVE TOXICITY:

This product is not expected to cause reproductive or developmental effects.

SPECIFIC TARGET ORGAN TOXICITY (single exposure):

Not classified.

SPECIFIC TARGET ORGAN TOXICITY (repeated exposures):

Not classified.

ASPIRATION HAZARD:

May be fatal if swallowed and enters airways.

CHRONIC EFFECTS:

Prolonged exposure may cause chronic effects.

12. Ecological Information

ECOTOXICITY:

Harmful to aquatic life with long lasting effects.

PRODUCT	SPECIES		TEST RESULTS
PRO GLOW (CAS Mixture)			
Aquatic			
Fish	LC50	Fish	12.2612 mg/l, 96 hours estimated
<i>Acute</i>			
Algae	IC50	Algae	2033.7108 mg/L, 72 Hours estimated
Crustacea	EC50	Daphnia	52876.4805 mg/L, 48 Hours estimated
COMPONENTS	SPECIES		TEST RESULTS
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)			
Aquatic			
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours
* Estimates for product may be based on additional component data not shown.			
PERSISTENCE AND DEGRADABILITY:			
No data is available on the degradability of this product.			
BIOACCUMULATIVE POTENTIAL:			
No data available.			
Partition coefficient n-octanol / water (log Kow)			
Propane	2.36		
MOBILITY IN SOIL:			
No data available.			
OTHER ADVERSE EFFECTS:			
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.			

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

LOCAL DISPOSAL REGULATIONS:

Dispose in accordance with all applicable regulations.

HAZARDOUS WASTE CODE:

The waste code should be assigned in discussion between the user, the producer, and the waste disposal company.

WASTE FROM RESIDUES/UNUSED PRODUCTS:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

CONTAMINATED PACKAGING:

Empty containers should be taken to an approved waste-handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transportation Information

DOT: UN NUMBER: UN1950
UN PROPER SHIPPING NAME: Aerosols, flammable, (each not exceeding 1 L capacity)
TRANSPORT HAZARD CLASS(ES)
Class: 2.1
Subsidiary Risk: -
Label(s): 2.1



PACKING GROUP: Not applicable.

SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling.

SPECIAL PROVISIONS: N82

PACKAGING EXCEPTIONS: 306

PACKAGING NON BULK: None

PACKAGING BULK: None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA: UN NUMBER: UN1950
UN PROPER SHIPPING NAME: Aerosols, flammable
TRANSPORT HAZARD CLASS(ES)
Class: 2.1
Subsidiary Risk: -
Label(s): 2.1



PACKING GROUP: Not applicable.

ENVIRONMENTAL HAZARDS: No.

ERG CODE: 10L

SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling.

OTHER INFORMATION:

PASSENGER AND CARGO AIRCRAFT: Allowed.

CARGO AIRCRAFT ONLY: Allowed.

PACKAGING EXCEPTIONS: LTD QTY

IMDG: UN NUMBER: UN1950
UN PROPER SHIPPING NAME: AEROSOLS
TRANSPORT HAZARD CLASS(ES)



Class: 2.1

Subsidiary Risk: -

Label(s): 2.1

PACKING GROUP: Not applicable.

ENVIRONMENTAL HAZARDS:

Marine pollutant: No.

EmS: F-D, S-U

SPECIAL PRECAUTIONS FOR USER: Read safety instructions, SDS and emergency procedures before handling.

PACKAGING EXCEPTIONS: LTD QTY

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 and the IBC CODE:

Not applicable.

15. Regulatory Information

US FEDERAL REGULATIONS:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA):

Hazard categories: Immediate Hazard – Yes.
Delayed Hazard – No.
Fire Hazard – Yes.
Pressure Hazard – No.
Reactivity Hazard – No.

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous chemical: No.

SARA 313 (TRI reporting): Not regulated.

OTHER FEDERAL REGULATIONS

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA): Not regulated.

US STATE REGULATIONS

US. Massachusetts RTK - Substance List

Propane (CAS 74-98-6)

US. New Jersey Worker and Community Right-to-Know Act

Propane (CAS 74-98-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Propane (CAS 74-98-6)

US. Rhode Island RTK

Propane (CAS 74-98-6)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Diethanolamine (CAS 111-42-2) Listed: June 22, 2012

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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.