

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**PRO GLOW / 1265****SEPTEMBER 2013****PAGE 1**

HEALTH	1
FIRE	2
REACTIVITY	0
P.P.E.	X

SECTION 1 – Product and Company Identification**PRODUCT USE:** Cleaner/Polish**SECTION 2 – Hazards Information****EMERGENCY OVERVIEW:** Aerosol. CONTENTS UNDER PRESSURE.**POTENTIAL HEALTH EFFECTS:**

ROUTES OF EXPOSURE: Skin contact. Ingestion.
EYES: Health injuries are not known or expected under normal use.
SKIN: Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
INHALATION: Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
INGESTION: Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion.

TARGET ORGANS: Central nervous system.

CHRONIC/LONG TERM EFFECTS: May cause central nervous system disorder (e.g. , narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

SIGNS AND SYMPTOMS: Narcosis. Defatting of the skin. Skin irritation.

SECTION 3 – Composition on Ingredients

COMPONENTS	CAS #	WGHT. %	OSHA PEL/ACGIH TLV	SARA 302/304 (1)*	SARA 313 (2)*	STATE INFO (3) (4)	CERCLA RQ
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	20- 30	-	-	-	-	-
n-Butane	106-97-8	3 - 5	-	-	-	-	-
Propane	74-98-6	1 - 3	-	-	-	-	-
Non-hazardous and other components below reportable levels		60-80	-	-	-	-	-

SECTION 4 – First Aid Measures**FIRST AID PROCEDURES:**

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
SKIN CONTACT: Wash off with warm water and soap. 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 immediately.

NOTES TO PHYSICIAN: Symptoms may be delayed.**SECTION 5 – Fire Fighting Measures**

FLASH POINT: -156 °F (-104.4 °C) Propellant
SUITABLE EXTINGUISHING MEDIA: Water fog. Foam. Dry chemical powder. Carbon dioxide (C0 2).
FLAMMABLE PROPERTIES: Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up.

SECTION 6 – Accidental Release Measures

METHODS FOR CONTAINMENT: Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk.
METHODS FOR CLEANING UP: Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
 Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

SECTION 7 – Handling and Storage

HANDLING: Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Do not use if spray button is missing or defective. Do not re-use empty containers. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure.
STORAGE: Level 1 Aerosol. Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat and flame. Avoid exposure to long periods of sunlight. Store in cool place. Keep container dry. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs.

SECTION 8 – Exposure Controls/Personal Protection**EXPOSURE LIMITS****ACGIH**

COMPONENTS	CAS #	TWA	STEL	CEILING
n-Butane	106-97-8	1000 ppm	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established

OSHA

COMPONENTS	CAS #	TWA	STEL	CEILING
Propane	74-98-6	1000 ppm	Not established	Not established

PERSONAL PROTECTIVE EQUIPMENT:

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EYE/ FACE PROTECTION: Chemical goggles are recommended.
SKIN PROTECTION: Wear appropriate chemical resistant clothing. Chemical resistant gloves.
RESPIRATORY PROTECTION: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

SECTION 9 – Physical and Chemical Properties

APPEARANCE:	Clear.	VAPOR PRESSURE [mmHg]:	50 - 70 psig @ 70° F
COLOR:	Off-white.	DENSITY:	0.8916 g/cm ³ estimated
ODOR:	Fruity.	VISCOSITY:	Not available.
FORM:	Aerosol.	SOLUBILITY IN WATER:	Partially.
PHYSICAL STATE:	Liquid.	COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not available.
pH:	Not applicable.	PERCENT VOLATILE, WT. %:	N/A
MELTING POINT:	n/a	AUTOIGNITION TEMPERATURE:	Not available.
FREEZING POINT:	Not available.	VOC CONTENT, g/L:	0
BOILING POINT:	249.8 °F (121.1 °C) estimated	FLASH BACK:	No.
FLAMMABILITY:	12.5655 kJ/g estimated	SPECIFIC GRAVITY:	0.8917 estimated
EVAPORATION RATE (Butyl Acetate=1):	Not available.	FLASH POINT:	-156 °F (-104.4 °C) Propellant

SECTION 10 – Stability and Reactivity

CHEMICAL STABILITY: Risk of ignition. Material is stable under normal conditions.
INCOMPATIBLE MATERIALS: None known.
CONDITIONS TO AVOID: Heat, flames and sparks.
HAZARDOUS DECOMPOSITION: Irritants. Toxic gas.

SECTION 11 – Toxicological Information

ACUTE EFFECTS: Acute LD50: 8215 mg/kg estimated, Rat, Dermal
Acute LC50: 22 mg/l/4h estimated, Rat, Inhalation

COMPONENT ANALYSIS - LD50

TOXICOLOGY DATA -SELECTED LD50S AND LC50S

n-Butane	106-97-8	In halation LC50 Rat 658 mg/L 4 h
Propane	74-98-6	In halation LC50 Rat 658 mg/L 4 h
Synthetic Isoparaffinic Hydrocarbon	64742-47-8	Inhalation LC50 Rat >5.2 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

SECTION 12 – Ecological Information

ECOTOXICITY: LC50 191 mg/L estimated, Fish, 96.00 Hours, EC50 53063 mg/L estimated, Daphnia, 48.00 Hours, IC50 12245 mg/L estimated, Algae, 72.00 Hours,
Contains a substance which causes risk of hazardous effects to the environment.

SECTION 13 – Disposal Consideration

WASTE CODES: D001: Waste Flammable material with a flash point <140 F
DISPOSAL INSTRUCTIONS: Contents under pressure. Dispose of this material and its container to hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.

SECTION 14 – Transport Information**DEPARTMENT OF TRANSPORTATION (DOT) REQUIREMENTS****BASIC SHIPPING REQUIREMENTS:**

PROPER SHIPPING NAME: Aerosols
HAZARD CLASS: 2.1
SUBSIDIARY HAZARD CLASS: UN1950
ADDITIONAL INFORMATION:
SPECIAL PROVISIONS: 153, N82
PACKAGING EXCEPTIONS: 306
PACKAGING NON BULK: None
PACKAGING BULK: None
FURTHER INFORMATION:



This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 2/31/2013, 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 12/31/13 and may be used now in place of the "Consumer Commodity ORM-D" marking but not concurrently.

IMDG**BASIC SHIPPING REQUIREMENTS:**

PROPER SHIPPING NAME: Aerosols
HAZARD CLASS: 2.1
UN NUMBER: 1950
ADDITIONAL INFORMATION:
PACKAGING EXCEPTIONS: LTD QTY
LABEL REQUIRED: None



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IATA**BASIC SHIPPING REQUIREMENTS:****PROPER SHIPPING NAME:** Aerosols, flammable**HAZARD CLASS:** 2.1**UN NUMBER:** 1950**ADDITIONAL INFORMATION:****PACKAGING EXCEPTIONS:** LTD QTY**LABEL REQUIRED:** 2.1**SECTION 15 – Regulatory Information**

US FEDERAL REGULATIONS: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

Occupational Safety and Health Administration (OSHA)**29 CFR 1910.1200 hazardous Chemical:** Yes**CERCLA (Superfund) reportable quantity:** None**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Section 302 extremely hazardous substance:** No**Section 311 hazardous chemical:** Yes

Hazard categories (311/312):
Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No

INVENTORY STATUS

Country(s) or region	Inventory name	On Inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	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)

STATE REGULATIONS:**U.S. - Pennsylvania - RTK (Right to Know) List**

n-Butane	106-97-8	Present
Propane	74-98-6	Present
Synthetic Isoparaffinic	64742-47-8	Present

Hydrocarbon

SECTION 16 – Other Information**Further Information:** HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings: Health: 1
Flammability: 2
Physical hazard: 0

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available.

MSDS Sections Updated: Product and Company Identification: Product and Company Identification
Physical & Chemical Properties: Appearance
Physical & Chemical Properties: Form
Transport Information: Product Shipping Name/Packing Group
Transport Information: Further information

Prepared by: Kyla DeWees

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