



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1378	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	FOAMY LEMON FRESH	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Foaming Surface Cleaner, Disinfectant, Deodorizer	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Skin corrosion - Category 1 Eye Damage - Category 1 Gasses under pressure - Liquefied gas	SIGNAL WORD: DANGER	SYMBOL:		
---	--------------------------------------	----------------	--	--

HAZARD STATEMENT (S):

Keep out of reach of children.
Read label and SDS before use.
Causes severe skin burns and eye damage
Contains gas under pressure; may explode if heated.

PRECAUTIONARY STATEMENT:

Prevention

Do not breathe mists.
Wash hands thoroughly after handling.
Wear protective gloves and clothing.
Wear eye and face protection.
Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
Pressurized container: Do not pierce or burn, even after use.

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or a physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a physician

Storage:

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

Disposal:

Dispose of contents and container in accordance with all local, regional, and national regulations.

HAZARDS NOT OTHERWISE SPECIFIED:

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Sodium Metasilicate	6834-92-0	>=1 <= 5
Diethylene Glycol Butyl Ether	112-34-5	>=1 <= 5
Propane	74-98-6	>=1 <= 5
Isobutane	75-28-5	>=1 <= 5

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: May be harmful if swallowed. Causes severe skin burns and eye damage.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or a physician.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water/shower. If skin irritation persists get medical attention.

INHALATION:

Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

INGESTION:

Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide.

SPECIFIC FIRE-FIGHTING METHODS:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Put on appropriate personal protective equipment (see Section 8)

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

7. Handling and Storage

Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Isobutane	ACGIH TLV	1000 ppm
Propane	ACGIH TLV	1000 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

RESPIRATORY PROTECTION: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.

ENGINEERING CONTROLS:

Good general ventilation required.

9. Physical & Chemical Properties

APPEARANCE	Clear spray/mist.	AUTO IGNITION TEMP	Not available.
BOILING POINT DECOMPOSITION	Not available.	COLOR	Colorless.
TEMPERATURE	Not available.	EVAPORATION RATE	Not available.
EXPLOSIVE LIMIT RANGES	Not available.	EXPLOSIVE PROPERTIES	Not available.
FLASH POINT	None.	MELTING/FREEZING POINT	Not available.
ODOR	Lemon.	ODOR THRESHOLD	Not available.
VOC CONTENT (Wt %):	13	OXIDIZING PROPERTIES	Not available.
PARTITION COEFF	Not available.	PHYSICAL STATE	Liquid.
RELATIVE DENSITY	1.0	SOLUBILITY (WATER)	Complete.
VAPOR DENSITY	Not available.	VAPOR PRESSURE	Not available.
VISCOSITY	Not available.	pH	12-13

10. Stability & Reactivity Information

REACTIVITY:

Under normal conditions of storage and use, hazardous reactions will not occur.

CHEMICAL STABILITY:

Stable under normal conditions.

INCOMPATIBLE MATERIALS:

Acids and strong oxidizers.

CONDITIONS TO AVOID:

High temperatures, open flames, sparks, welding.

DECOMPOSITION PRODUCTS:

CO, CO₂

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Skin contact, eye contact, inhalation.

ACUTE/POTENTIAL HEALTH EFFECTS:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness, and swelling and possible tissue destruction.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract.

INGESTION: May be harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat, and stomach.

CHRONIC / LONG TERM EFFECTS:

None known.

TARGET ORGAN EFFECTS:

Lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

No data.

CARCINOGENIC INFORMATION:

This material is not listed as a carcinogen by IARC, NTP or OSHA.

ACUTE TOXICITY VALUES:

Diethylene Glycol Butyl Ether: Ingestion - LD50, rat, 2410 mg/Kg; Dermal LD50, rabbit 2764 mg/Kg

12. Ecological Information

Diethylene Glycol Butyl Ether: EC50, Daphnia magna, static test, 48 h, immobilization: > 100 mg/l; Bluegill sunfish, static test, 96 h, 1300 mg/l.

13. Disposal Considerations

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. See label for further instructions.

14. Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number	1950
Proper shipping name	Aerosols, nonflammable
Class	2.2
Packing group	-

15. Regulatory Information

Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65) Diethylene Glycol Butyl Ether

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312:

Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic () Fire () Pressure (X) Reactive () Not Applicable ()

T.S.C.A. Status:

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s): **D002**

16. Other Information

N/A = Not Applicable; N/D = Not Determined

HMIS	Health Hazards: 1	Flammability: 4	Physical hazards: 0	Personal protection: G
-------------	-------------------	-----------------	---------------------	------------------------

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.