






SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2805	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	WEED OUT	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Non-Selective, Ready-To-Use Herbicide	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable liquids - Category 3 Aspiration Hazard - Category 1 Carcinogenicity - Category 2 Germ Cell mutagenicity - Category 2 Eye Irritation - Category 2 Skin Irritation - Category 2 Skin Sensitization - Category 1 Specific Target Organ Toxicity (single exposure) - Category 3	SIGNAL WORD: DANGER	SYMBOL:			
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HAZARD STATEMENTS:

- Keep out of reach of children.
- Read label and SDS before use.
- Suspected of causing cancer.
- Suspected of causing genetic defects.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- Causes serious eye damage and skin irritation.
- May cause an allergic skin reaction.
- May be fatal if swallowed and enters airways.
- Flammable liquid and vapor.

PRECAUTIONARY STATEMENTS:

Prevention:

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Avoid breathing fumes.
- Wash hands thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves.
- Wear eye or face protection.
- Contaminated clothing must not be allowed out of the workplace.
- Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- Use explosion-proof electrical/ventilating/lighting/handling/process equipment.
- Use only non-sparking tools. Take precautionary measures against static discharge.
- Keep container tightly closed.
- Do not eat, drink, or smoke when using this product.

Response:

- IF SWALLOWED: Immediately call a poison center. Do NOT induce vomiting.
- IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs get medical attention. Take off contaminated clothing and wash before reuse.
- 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. Call a poison center or doctor if you feel unwell.
- IN CASE OF FIRE: Use carbon dioxide, foam, or dry chemical to extinguish.
- If EXPOSED or CONCERNED: Get medical attention.

Storage:

- Keep container tightly closed. Ground/bond container and receiving equipment.
- Store locked up in a well-ventilated place. Keep cool.

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
Fuels, diesel, no. 2	68476-34-6	>=75 <= 85
Solvent naphtha, petroleum, heavy aromatic	64742-94-5	>=10 <= 15
Diethylene Glycol Ethyl Ether	111-90-0	>=1 <= 5
Isooctyl (2-ethylhexyl) Ester of 2,4-D	1928-43-4	=1.09

Bromacil	314-40-9	=0.98
Naphthalene	91-20-3	<= 1

4. First Aid Measures

EMERGENCY OVERVIEW

DANGER: Flammable/combustible liquid. Harmful or fatal if swallowed. Aspiration hazard if swallowed. Vapor harmful. Keep away from heat and flame. Can cause nervous system depression.

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 attention.

SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical attention. 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 a doctor if you feel unwell.

INGESTION:

Harmful or fatal if swallowed. Seek medical attention immediately. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Use water spray, fog, or foam.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Flammable liquid. 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. Runoff to sewer may create fire hazard.

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:

Firefighters 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 get in eyes, on skin, or on clothing. Avoid breathing sprays and vapors. Avoid skin contact. Keep out of reach of children.

Do not use or store near heat, sparks, or open flame. Store in a cool, dry place. Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

8. Exposure Controls / Personal Protection

Diethylene Glycol Ethyl Ether

ACGIH TLV: 25 ppm

OSHA PEL: 25 ppm

Fuels, diesel, no. 2

ACGIH TLV: 100 mg/m3

Isooctyl (2-ethylhexyl) Ester of 2,4-D

ACGIH TLV: 10 mg/m3

OSHA PEL: 10 mg/m3

Naphthalene

ACGIH TLV: 10 ppm

OSHA PEL: 10 ppm

PERSONAL PROTECTIVE EQUIPMENT:



EYE/FACE PROTECTION: Wear safety glasses or goggles.

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

RESPIRATOR 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 liquid.	Explosive Limit Ranges:	Not available.
Physical State:	Liquid.	Explosive Properties:	Not available.
Color:	Yellow.	VOC Content (Wt. %):	80
Odor:	Solvent.	Oxidizing Properties:	Not available.

Odor Threshold:	Not available.	Vapor Density:	Not available.
pH:	Not applicable.	Vapor Pressure:	Not available.
Melting/Freezing Point:	Not available.	Relative Density:	0.8
Boiling Point:	Not available.	Solubility (water):	Insoluble.
Viscosity:	Not available.	Auto-Ignition Temperature:	Not available.
Flash Point:	125°F	Decomposition Temperature:	Not available.
Evaporation Rate:	Not available.	Partition Coeff (n-octanol/water):	Not available.

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, strong oxidizers.

CONDITIONS TO AVOID:

High temperatures, open flames, sparks, welding.

DECOMPOSITION PRODUCTS:

CO, CO₂.

*Vapors may ignite at temperatures exceeding flash point.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Skin contact, inhalation, ingestion.

ACUTE/POTENTIAL HEALTH EFFECTS:

EYES: May cause serious eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying of skin, and skin burns.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. May cause peripheral nervous system disorder and/or damage.

INGESTION: Harmful or fatal if swallowed. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

CHRONIC/LONG TERM EFFECTS:

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Signs and Symptoms of Overexposure: Signs and symptoms of overexposure to this material through breathing, swallowing, and/or passage of material through the skin may include: stomach or intestinal upset (nausea vomiting, diarrhea) irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

TARGET ORGAN EFFECTS:

Central nervous system, skin.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION:

Suspected genetic cell mutagen.

CARCINOGENIC INFORMATION:

Diesel fuel: ACGIH - A3; Naphthalene: NTP - Possible Select Carcinogen, IARC - Group 2B

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

ACUTE TOXICITY VALUES:

Bromacil: Oral LD50 (rat) 1723 mg/kg; 2,4-D Oral LD50 (rat) 896 mg/kg.

12. Ecological Information

2,4-D: 96-hour LC50 Rainbow Trout: 7.2 mg/l.

Bromacil: 96-hour LC50 Rainbow Trout: 38 ppm.

13. Disposal Consideration

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.

NOT REGULATED FOR GROUND DOMESTIC NON-BULK SHIPMENTS

15. Regulatory Information

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act)

Naphthalene

CERCLA RQ (40 CFR 302)

Naphthalene 100 lbs.

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

Diethylene Glycol Ethyl Ether

Isooctyl (2-ethylhexyl) Ester of 2,4-D

Bromacil

Naphthalene

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 (X) Fire (X) Pressure () 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). D001, D016

FIFRA INFORMATION:

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

Signal word:

CAUTION.

Hazard statement:

Harmful if absorbed through skin. Harmful if inhaled.

16. Other Information

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

HMIS	Health Hazards: 2	Flammability: 2	Physical hazards: 0	Personal protection: G
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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.