

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**KNOCK DOWN / 1804****December 2013****PAGE 1**

HEALTH	2
FIRE	3
REACTIVITY	1
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**CHEMICAL FAMILY:** Herbicide**SECTION 2 – Composition on Ingredients**

CAS #	CHEMICAL NAME	OSHA PEL/	ACGIH TLV	SARA 313 (2)*
64742-94-5	Aromatic Pet. Hydrocarbons	N/E	N/E	N
67-63-0	Isopropyl Alcohol	400 ppm	200 ppm	N
91-20-3	Naphthalene *+	10 ppm	10 ppm	Y
68476-86-8	Propane/n-Butane	1000 ppm	600 ppm	N

SECTION 2 NOTES: This product contains the toxic chemicals marked with an * subject to the reporting requirements of Section 313 of the emergency planning and community right-to-know act of 1986 and of 40CFR372.

SECTION 3 – Hazards Information

EMERGENCY OVERVIEW: Aerosol under pressure do not expose to high temperatures or store in direct sunlight. Pressure due to temperature over 120F may cause can to burst.

PRIMARY ROUTE OF ENTRY: Skin, Eyes, Ingestion, Inhalation

ACUTE/POTENTIAL HEALTH EFFECTS:

- EYES:** May cause eye irritation. Redness, itching or burning may indicate excessive exposure.
- SKIN:** May cause irritation or localized defatting. Redness, itching, burning sensation may indicate excessive exposure.
- INHALATION:** May cause irritation of respiratory system, dizziness, and/or headache. Prolonged exposure may lead to unconsciousness
- INGESTION:** Gastric discomfort. May cause nausea.
- CHRONIC HEALTH HAZARDS:** None known

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: None known

CARCINOGENICITY

OSHA: No ACGIH: No NTP: No IARC: No

SECTION 4 – First Aid Measures

- EYES:** Flush with water for 15-20 minutes. Contact physician if irritation persists.
- SKIN:** Wash with soap and water for 15 minutes. If irritation develops seek medical attention.
- INHALATION:** Move to fresh air. If not breathing, administer artificial respiration.
- INGESTION:** Contact physician; do not induce vomiting unless directed by medical authority.

SECTION 5 – Fire Fighting Measures

FLASH POINT: F: <100 C: <38 **METHOD USED:** TCC

FLAMMABLE LIMITS IN AIR, (% BY Volume) Upper: 5.9 Lower: 0.8

AUTOIGNITION TEMPERATURE: N/A F: C:

EXTINGUISHING MEDIA: ABC Dry chemical fire extinguisher

NFPA HAZARD CLASSIFICATION: HEALTH: 2 FLAMMABILITY: 3 REACTIVITY:1 OTHER: 0
HMIS HAZARD CLASSIFICATION: HEALTH: 2 FLAMMABILITY: 3 REACTIVITY:1

PROTECTION: B

SPECIAL FIRE FIGHTING INSTRUCTIONS: Wear SCBA in fire situations

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure exposure to high temperatures above 120F can cause bursting. May develop a flammable atmosphere in confined areas.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

SECTION 6 – Accidental Release Measures

ACCIDENTAL RELEASE MEASURES: Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

SECTION 7 – Handling and Storage

HANDLING AND STORAGE Store in cool, dry area. Do not store or use near heat or open flame. Exposure to temperatures above 120°F may cause bursting.

OTHER PRECAUTIONS: For waste disposal wrap containers and place in trash collection. Do not puncture or incinerate container. Vapor may collect in low lying areas.

SECTION 8 – Exposure Controls/Personal Protection**ENGINEERING CONTROLS:****VENTILATION**

Normal, forced ventilation is adequate.

EYE PROTECTION:

Safety glasses are recommended when ever chemicals are used.

SKIN PROTECTION:

Impervious gloves such as neoprene can be used.

RESPIRATORY PROTECTION:

Use only in well ventilated areas.

OTHER PROTECTIVE

Safety glasses are always recommended when ever chemicals are

CLOTHING OR EQUIPMENT:

used.

WORK HYGIENIC

Wash hands after use.

PRACTICES:**SECTION 9 – Physical and Chemical Properties**

APPEARANCE & ODOR: clear to light yellow spray with petroleum odor.

PHYSICAL STATE: Liquid

ph AS SUPPLIED: N/A

BOILING POINT: F: > 350 C: 176

MELTING POINT: F: not tested C:

FREEZING POINT: F: not tested C:

SOLUBILITY IN WATER: 0%

EVAPORATION RATE: <1

BASIS (Butyl Acetate=1):

SPECIFIC GRAVITY (H20=1): 0.89 @ F:77 C:25

VAPOR PRESSURE (mmHg): <5 @ F:77 C:25

PERCENT SOLIDS BY WEIGHT : not tested

VAPOR DENSITY (AIR=1): >4 @ F: 77 C:25

PERCENT VOLATILE: 98% BY VOL@ F: 77 C:25

VOLATILE ORGANIC With Water: LBS/GAL

COMPOUNDS (VOC) :

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SECTION 10 – Stability and Reactivity

STABILITY:	Stable
CONDITIONS TO AVOID: (STABILITY):	Temperatures above 120 F, Hot Surfaces
INCOMPATIBILITY (MATERIAL TO AVOID):	Some plastics
HAZARDOUS DECOMPOSITION or BY-PRODUCTS:	Oxides of carbon. Exposure to red hot surfaces may produce carbon monoxide.
HAZARDOUS POLYMERIZATION:	None
CONDITIONS TO AVOID (POLYMERIZATION):	None known

SECTION 11 – Toxicological Information

NO DATA

SECTION 12 – Ecological Information

ECOLOGICAL INFORMATION: Contains oil do not let residue come in contact with waterways in the United States

SECTION 13 – Disposal Consideration

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.
RCRA HAZARD CLASS: Considered Non-hazardous under RCRA, however, product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14 – Transport Information**US DEPARTMENT OF TRANSPORTATION****PROPER SHIPPING NAME:** ORM-D**HAZARD CLASS:****ID NUMBER:****PARKING GROUP:****LABEL STATEMENT:****WATER TRANSPORTATION****PROPER SHIPPING NAME:** Call manufacturer**HAZARD CLASS:****ID NUMBER:****PARKING GROUP:****LABEL STATEMENT:****AIR TRANSPORTATION****PROPER SHIPPING NAME:** Call manufacturer**HAZARD CLASS:****ID NUMBER:****PARKING GROUP:****LABEL STATEMENT:****OTHER AGENCIES:****SECTION 15 – Regulatory Information****U.S. FEDERAL REGULATIONS:****TSCA (TOXIC SUBSTANCES CONTROL ACT):** All chemicals are listed.**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None**SARA TITLE II (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** None**311/312 HAZARDOUS CATEGORIES:** Fire, Delayed Health**313 REPORTABLE INGREDIENTS:** Naphthalene, CAS #91-20-3, Typical <7.15%

State Regulations: California Proposition 65 – Naphthalene CAS # 91-20-3 – Carcinogen, Illinois – RTK, Minnesota – RTK, New Jersey – RTK, Pennsylvania – RTK, Rhode Island - RTK

SECTION 16 – Other Information

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