



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
 UNITED 194 FIRE ANT K.O

USE/DESCRIPTION
 Fire Ant Control

REVISION DATE
 November 7, 2011

HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

* Chronic 2 Moderate
 4 Severe 1 Slight
 3 Serious 0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 2 Violent chemical change possible-use hose stream from distance
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 1 Unstable if heated-use precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 2

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated
 3 Ignites at normal temperature. to burn.
 2 Ignites when moderately heated. 0 Will not burn.

PERSONAL PROTECTION: n & p



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Petroleum distillate	64742-88-7	>5	NE	NE	NE	NE
Piperonyl butoxide	51-03-6	1	NE	NE	NE	NE
Isobutane	75-28-5	>20	NE	NE	NE	NE
Propane	74-98-6	>5	NE	1000 ppm	NE	NE
Tetramethrin	7696-12-0	0.2	NE	NE	NE	NE
Permethrin	52645-53-1	0.5	NE	NE	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: Non-irritating.

Skin: Slightly irritating.

Inhalation: Excessive inhalation may cause nasal and respiratory irritation.

Ingestion: Aerosol – not an expected route of exposure. May cause diarrhea, yellow nasal discharge and activity decrease.

4. FIRST AID MEASURES

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for further treatment advice.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

Inhalation: Move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a poison control center or doctor.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): 128°F/53°C

Explosive Limits:

Lower (LEL): ND

Upper (UEL): ND

Flame Projection (Aerosol): Flammable per 16 CFR 1500.45

Hazardous Products of Combustion: None known.

Fire and Explosion Hazards: Combustible contents under pressure. Exposure to temperatures above 130°F/54°C may cause venting, bursting or rupturing of containers. Do not use near heat, sparks, open flame or on electrical equipment due to the possibility of shock hazard. Do not puncture or incinerate container.

Extinguishing Media: Water fog, Carbon dioxide, Dry chemical, Foam.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up. Use protective shielding as necessary to protect personnel from venting, rupturing or bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: If can is punctured or leaking, soak up liquid with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. and dispose of in trash.

Large Spills: If can is punctured or leaking, soak up liquid with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. and dispose of in trash.

7. HANDLING AND STORAGE

Store in a cool, dry area away from heat, sparks, open flames or other sources of ignition. Do not store above 130°F/54.4°C. NOTE: Product is toxic to fish. Do not apply directly to water. Do not apply where run-off is likely to occur. Do not use this product in or on electrical equipment due to the possibility of shock hazard. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical safety goggles recommended.

Skin: Chemical resistant gloves recommended.

Respiratory: Not normally needed. If TLV is exceeded, use a NIOSH/MSHA approved self-contained breathing apparatus respirator.

Engineering Controls: Provide adequate ventilation and local exhaust generally adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: NA

Specific Gravity: 0.98 @ 20C

Vapor Pressure: NA

Melting Point: ND

Vapor Density: NA

Evaporation Rate: ND

Solubility in Water: Insoluble

pH: 7.0

Appearance and Odor: Off white liquid aerosol spray with slight odor.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: None known.

Chemical Stability: Stable

Incompatibility: None Known.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

This product is toxic to fish.

13. DISPOSAL CONSIDERATIONS

Consult your local, state, and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality. Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 26 %

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: Tetramethrin CAS#7696-12-0 (*0.2), Permethrin CAS#52645-53-1 (*0.5), Piperonyl butoxide CAS#51-03-6 (*1.0) * percent by weight

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 194 FIRE ANT K.O.

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