

KOP-COAT, INC
 PROTECTION PRODUCTS
 5137 SOUTHWEST AVENUE
 ST. LOUIS
 MO 63110

EMERGENCIES
 HEALTH/SPILLS.....: 800-548-0489
 CHEMTREC ASSISTANCE: 800-424-9300
 CHEMTREC OUTSIDE US: 703-527-3887
 CANUTEC.....: 613-996-6666

KOP-COAT, INC
 PRODUCT INFORMATION: 412-227-2700
 OUTSIDE USA.....: 412-227-2700

 1 PRODUCT IDENTIFICATION

PRODUCT NAME: Timbertreat(R) ICP-5
 PRODUCT USE.: Pesticide
 APPEARANCE.: Amber liquid, mild petroleum odor
 CAS NUMBER.: Mixture
 SYNONYMS....: None

REVISION...: 3
 DATE.....: 7/30/03
 MSDS NUMBER: 11633

This product is custom blended at the customer's request.

 2 HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENT</u>	<u>REG AGENCY</u>	<u>PPM</u>	<u>NOTES</u>	<u>MG/M3</u>	<u>NOTES</u>
Surfactant CAS NUMBER:TR. SECRET-SURF PERCENT BY WGT: 5 TO 10			(None established.)		
Ethylbenzene CAS NUMBER:100-41-4 PERCENT BY WGT: 1 TO 5	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA	125 100 100 125 125 100		543 434 435 545 545 435	
Xylene CAS NUMBER:1330-20-7 PERCENT BY WGT: 10 TO 15	ACGIH STEL ACGIH-TWA NIOSH NIOSH STEL OSHA STEL OSHA TWA	150 100 100 150 150 100		651 434 435 655 655 435	
Permethrin CAS NUMBER:52645-53-1 PERCENT BY WGT: 35 TO 40			(None established.)		

 2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Petroleum distillates	ACGIH TLV	100			
CAS NUMBER:64742-95-6	OSHA-PEL	100		-	
PERCENT BY WGT: 30 TO 35					
1,2,4 Trimethylbenzene	ACGIH TLV	25	95		
CAS NUMBER:95-63-6	NIOSH REL	25			
PERCENT BY WGT: 15 TO 20					

NOTES:
 95) TLV for mixed isomers of Trimethylbenzene

 3 HAZARDS IDENTIFICATION

EYE: Contact with liquid may cause moderate eye irritation

SKIN: Moderately irritating to the skin. Repeated or prolonged contact with the skin can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

POTENTIAL HEALTH EFFECTS: Effects from overexposure result from either inhaling, swallowing, or contact with skin or eyes. Symptoms of overexposure include diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity. Contact with this product has rarely produced skin sensations such as numbing, burning and tingling. These sensations are reversible and usually subside within 12 hours. Overexposure to solvents may cause central nervous system effects such as dizziness, headache and drowsiness. Vomiting after ingestion of this product may cause aspiration into the lungs, which can be fatal.

 4 FIRST AID MEASURES

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

SKIN CONTACT: Remove contaminated clothing. Wash affected areas immediately with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INHALATION: Remove to fresh air. If breathing has stopped, call 911, then have a trained person administer artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

INGESTION: Call a poison control center immediately for treatment advice.

4 FIRST AID MEASURES

Do NOT induce vomiting unless told to do so by poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Reversible skin sensations (paresthesia) may occur and ordinary skin salves have been found useful in reducing discomfort. Contains aromatic hydrocarbons that can produce a severe pneumonitis if aspirated during vomiting.

5 FIRE FIGHTING MEASURES

FLASH POINT: 108 F/ 42 C

AUTOIGNITION TEMPERATURE: No information found.

FLAMMABLE LIMITS (% by volume/air)

Lower Limit: No information found.

Upper Limit: No information found.

EXTINGUISHING MEDIA: Foam, CO2, or dry chemical. Soft stream water fog only if necessary. Contain all runoff.

FIRE FIGHTING PROCEDURES: Isolate area. Evacuate downwind. Wear complete fire service protective equipment, including self-contained breathing apparatus.

FIRE AND EXPLOSION HAZARDS: Moderately combustible. When heated above the flash point, this material releases vapors which, when mixed with air, can burn or be explosive.

6 SPILL AND LEAK PROCEDURES

Isolate and post spill area. Wear protective clothing and personal protective equipment as necessary.

Keep material out of lakes, streams, ponds, and sewer drains. Dike and contain spill with a non-combustible absorbent material (sand, earth, etc.) and transfer to containers for recovery or disposal. If run-off occurs, notify proper authorities. Ventilate area.

To clean and neutralize spill area, tools and equipment, wash with a suitable solution (i.e. bleach or caustic/soda ash and ethylene glycol or an appropriate alcohol). Follow this by washing with a strong soap and water solution. Absorb as above, any excess liquid and add to the drums of waste already collected. Repeat, if necessary. Dispose of drummed waste according to the method outlined in Section 13, "Disposal Considerations".

7 HANDLING AND STORAGE

 7 HANDLING AND STORAGE

HANDLING: Avoid prolonged or repeated breathing of vapors or mists. Avoid prolonged or repeated contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Wash skin prior to eating, drinking, or using tobacco and at the end of the shift.

STORAGE: Store in a cool, dry, well-ventilated place. Do not use or store near heat, open flame, or hot surfaces. Store in original containers only.

 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust at all process locations where vapor or mist may be emitted. Ventilate all transport vehicles prior to unloading.

RESPIRATORS: For splash, mist or spray exposure wear, as a minimum, a properly fitted half-face or full-face air purifying respirator which is approved for pesticides. Use and selection should be based on exposure potential.

PROTECTIVE CLOTHING: For splash, mist or spray conditions, wear chemical protective goggles or a face shield. Wear chemical protective gloves made of nitrile, neoprene or equal. Thoroughly wash the outside of gloves with soap and water prior to removal. Inspect regularly for leaks. Depending upon concentrations encountered, wear coveralls or long-sleeved uniform and head covering. For larger exposures, as in the case of spills, wear full body cover barrier suit. Leather items, such as shoes, belts, and watchbands, that become contaminated should be removed and destroyed. Launder all work clothing before reuse (separately from household laundry).

 9 PHYSICAL AND CHEMICAL PROPERTIES

Weight Per Gallon (lbs):	8.350	% VOL by Weight.:	Not determined
Vapor Density.:	> 1 (Air=1)	Boiling Point...:	Not determined
Vapor Pressure:	Not determined	Evaporation Rate:	Not determined
pH.....:	5.0-5.6 (1% emulsion	Specific Gravity:	1.002 @ 20 C
Solubility In Water:	Emulsifies	Viscosity.....:	Not determined
VOC Content.....:	Contact Kop-Coat		

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 10 STABILITY AND REACTIVITY DATA

STABILITY: Stable
 HAZARDOUS POLYMERIZATION: Will not occur.
 INCOMPATIBILITY: None known
 HAZARDOUS DECOMPOSITION PRODUCT(S): Chlorine, hydrogen chloride, carbon monoxide and carbon dioxide.

 11 TOXICOLOGICAL INFORMATION

Contact Kop-Coat for information.

 12 ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is highly toxic to fish and aquatic arthropod. Marine species are often more sensitive than the freshwater species. Bacteria, algae, mollusks and amphibians are much more tolerant of permethrin than the fish and arthropods. Care should be taken to avoid contamination of the aquatic environment. Permethrin is slightly toxic to birds.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater.

 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Open dumping or burning of this material or its packaging is prohibited. If spilled material cannot be disposed of by use according to label instructions, an acceptable method of disposal is to incinerate in accordance with local, state and national environmental laws, rules, standards and regulations. However, because acceptable methods of disposal may vary by location, and regulatory requirements may change, the appropriate agencies should be contacted prior to disposal.

EMPTY CONTAINER: Non-returnable containers which held this material should be cleaned, prior to disposal, by triple rinsing. Containers which can be recycled must be triple-rinsed, and the rinsate incinerated. Do not cut or weld metal containers. Vapors that form may create an explosion hazard.

 14 TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION REPORTABLE QUANTITIES

REPORTABLE QTY (LBS)	HAZARDOUS SUBSTANCE
1000	Ethylbenzene
100	Xylene

BY AIR:

DOT Proper Shipping Name: Flammable liquid, n.o.s. (contains xylene)
 DOT Hazard Class: 3 Packing Group III
 DOT ID#: UN1993
 Label Code: Flammable

This product is not regulated for transport in the USA when shipped via highway

14 TRANSPORTATION INFORMATION

or railroad in non-bulk packages. Describe using the following:
Surface Freight Class: Insecticides, NOI, other than poison.
Marine Pollutant #1: permethrin (Severe Marine Pollutant)
Marine Pollutant #2: 1,2,4-trimethylbenzene

15 REGULATORY INFORMATION

SARA TITLE III SECTION 313 CHEMICALS

Ethylbenzene
Xylene
Permethrin
1,2,4 Trimethylbenzene

EPA REGISTRATION NUMBER: Timbertreat ICP-5: 279-3283-60061

16 OTHER INFORMATION

Ethylbenzene is considered a Group 2B carcinogen (possibly carcinogenic to humans). This category generally includes agents for which there is limited evidence in humans in the absence of sufficient evidence in experimental animals.

NOTICE: While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Kop-Coat, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.

PREPARED BY: Manager of Health Safety and Environmental Affairs