

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

EMERGENCIES
 HEALTH/SPI LLS.: 800-548-0489
 CHEMTREC ASSI STANCE: 800-424-9300
 CHEMTREC OUTSI DE US: 703-527-3887
 CANUTEC.: 613-996-6666

KOP-COAT, INC
 PRODUCT I NFORMATI ON: 412-227-2700
 OUTSI DE USA.: 412-227-2700

 1 PRODUCT I DENTI FICATI ON

PRODUCT NAME: Di amond Brite Sapstain Control Chemical
 PRODUCT USE.: Wood preservative
 APPEARANCE.: Amber-colored liquid, detergent-like odor
 CAS NUMBER.: Mi xture
 SYNONYMS.: None

REVI SI ON.: 5
 DATE.: 4/24/00
 MSDS NUMBER: 12500

 2 HAZARDOUS I NGREDI ENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Ethylene glycol (vapor and mist) CAS NUMBER: 107-21-1 PERCENT BY WGT: 10 TO 15	ACGI H CEIL OSHA CEIL	50 50		125 125	
5 Chloro-2-methyl -4- isothi azol i n-3-one CAS NUMBER: 26172-55-4 PERCENT BY WGT: < 1	MFG' S STEL MFG' S TWA			0.3 0.1	22 23 22 23
2-Methyl -4- isothi azol i n-3 -one CAS NUMBER: 2682-20-4 PERCENT BY WGT: < 1	MFG' S STEL MFG' S TWA			0.3 0.1	22 23 22 23
Organi c carboxyl i c acid CAS NUMBER: 380-08 PERCENT BY WGT: 15 TO 20			(None established.)		
3- i odo-2-propynyl butyl carbamate CAS NUMBER: 55406-53-6			(None established.)		

 2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
PERCENT BY WGT: 1 TO 5					
Ethyl alcohol	ACGIH TWA	1000		1880	
CAS NUMBER: 64-17-5	OSHA TWA	1000		1900	
PERCENT BY WGT: 1 TO 5					
Petroleum distillates	OSHA-PEL	100		-	
CAS NUMBER: 64742-95-6					
PERCENT BY WGT: 1 TO 5					
Di decyl di methyl ammonium chloride			(None established.)		
CAS NUMBER: 7173-51-5					
PERCENT BY WGT: 30 TO 35					

NOTES:
 22) Manufacturer's recommended exposure limits
 23) For total isothiazolinone

 3 HAZARDS IDENTIFICATION

EYE: Contact with liquid or mists may cause eye irritation.

SKIN: Repeated or prolonged direct contact may cause irritation and skin dryness. Prolonged and frequently repeated skin contact may cause allergic reactions in some individuals.

INHALATION: Not anticipated to cause adverse effects. However, in sensitive individuals, repeated and/or prolonged inhalation of high concentrations of mists may cause respiratory tract irritation.

INGESTION: May cause gastrointestinal disturbances. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which may be fatal.

 4 FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

SKIN CONTACT: Wash thoroughly with soap and water. Get medical attention if irritation develops or persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

4 FIRST AID MEASURES

INGESTION: If swallowed, induce vomiting as directed by medical personnel. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Get medical attention.

NOTE TO PHYSICIAN: There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

5 FIRE FIGHTING MEASURES

FLASH POINT: > 140 F

AUTOIGNITION TEMPERATURE: Not determined.

FLAMMABLE LIMITS (% by volume/air)

Lower Limit: Not determined.

Upper Limit: Not determined.

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, or foam.

FIRE FIGHTING PROCEDURES: As in any fire, wear complete fire service protective equipment, including full-face MSHA/NIOSH approved or equivalent self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel. Do not put in contact with oxidizing or caustic materials.

FIRE AND EXPLOSION HAZARDS: None known.

6 SPILL AND LEAK PROCEDURES

SMALL SPILL: Stop leak if no risk involved. Spread absorbents. Shovel absorbed material into container.

LARGE SPILL: Dike and contain spill. Pump to storage or salvage vessel. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities that a spill has occurred.

7 HANDLING AND STORAGE

HANDLING: Avoid breathing vapors, mists or fumes. Avoid contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after use.

STORAGE: Keep in a closed, labeled container within a cool (well-shaded), dry, ventilated area. Protect from physical damage. Keep containers closed when material is not in use. Maintain good housekeeping.

 7 HANDLING AND STORAGE

OTHER: Not for use or storage in or around the home. Do not use until manufacturer's precautions have been read/understood.

 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use general ventilation. Local exhaust is necessary to use in enclosed areas or confined spaces.

RESPIRATORS: Not required under normal use conditions. Use a respirator with organic vapour cartridge if the area is not ventilated.

PERSONAL PROTECTIVE EQUIPMENT: Industrial safety glasses, minimum. As necessary for work area conditions: use side shields, goggles or faceshield. As required, chemical-resistant flexible-type gloves (rubber, neoprene, PVC, or equal). Wear industrial-type work clothing and safety footwear. Depending on working conditions, i.e., contact potential, wear impervious protective garments such as head/neck cover, gloves, aprons, jackets, pants, coveralls, boots, etc.

 9 PHYSICAL AND CHEMICAL PROPERTIES

Weight Per Gallon (lbs):	7.571	% VOL by Weight.:	Not determined
Vapor Density: (Air=1)	>1	Boiling Point.:	Not determined
Vapor Pressure:	Not determined	Evaporation Rate:	Not determined
pH.....:	7.1 (10% solution in	Specific Gravity:	< 1
Solubility In Water:	Soluble	Viscosity.....:	Not determined
VOC Content.....:	Not determined		

 10 STABILITY AND REACTIVITY DATA

STABILITY: Stable
 HAZARDOUS POLYMERIZATION: None
 INCOMPATIBILITY: None known
 HAZARDOUS DECOMPOSITION PRODUCT(S): Carbon monoxide, carbon dioxide, ammonia, nitrous oxide, ammonium chloride.

 11 TOXICOLOGICAL INFORMATION

Contact Kop-Coat for information.

 12 ECOLOGICAL INFORMATION

12 ECOLOGICAL INFORMATION

Product has not been tested for ecotoxicity.

13 DISPOSAL CONSIDERATIONS

Dispose of unused solution that cannot be re-used by methods approved for anti sapstain chemicals.

14 TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION REPORTABLE QUANTITIES

REPORTABLE QTY (LBS)	HAZARDOUS SUBSTANCE
5000	Ethylene glycol (vapor and mist)

DOT PROPER SHIPPING NAME: Corrosive Liquids, flammable, n.o.s. (contains Di decyl dimethyl ammonium chloride, 3-iodo-2-propynyl butyl carbamate)

DOT HAZARD CLASS: 8

LABEL: Corrosive Liquid

DOT IDENTIFICATION NUMBER: UN2920

15 REGULATORY INFORMATION

SARA TITLE III SECTION 313 CHEMICALS

Ethylene glycol (vapor and mist)
3-iodo-2-propynyl butyl carbamate

EPA REGISTRATION NUMBER: 60061-93

16 OTHER INFORMATION

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: L. Briggs Manager Environmental and Regulatory Affairs