

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: Workhorse(TM) IPD Sapstain & Mold Control Product
 PRODUCT USE.: Sapstain and Mold Control
 APPEARANCE.: Amber Li quid
 CAS NUMBER.: Mi xture
 SYNONYMS. . . . : None

REVI SI ON. . . : 1
 DATE.: 5/13/08
 MSDS NUMBER: 13370
 NFPA HEALTH RATING. . . . : 3
 NFPA FLAMMABLE RATING.: 2
 NFPA REACTI VITY RATING: 0

HMI S HEALTH RATING. . . . : 3
 HMI S FLAMMABLE RATI NG.: 2
 HMI S REACTI VITY RATING: 0
 HMI S PERSONAL PROTECT.: X

 2 HAZARDOUS I NGREDI ENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
Tri al kyl Ni trogen Oxi de CAS NUMBER: TR SECRET-TANO PERCENT BY WGT: 10 TO 15			(None establ ished.)		
Al kyl Ami nes CAS NUMBER: TRADE SECRET-AA PERCENT BY WGT: 15 TO 20			(None establ ished.)		
Gl ycol s CAS NUMBER: TRADE SECRET-GC PERCENT BY WGT: 10 TO 15			(None establ ished.)		
Organi c Aci d CAS NUMBER: TRADE SECRET-OA PERCENT BY WGT: 5 TO 10			(None establ ished.)		
Di i odomethyl -p- tol yl sul fone			(None establ ished.)		

 2 HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	REG AGENCY	PPM	NOTES	MG/M3	NOTES
CAS NUMBER: 20018-09-1 PERCENT BY WGT: < 1					
3-iodo-2-propynyl butyl carbamate CAS NUMBER: 55406-53-6 PERCENT BY WGT: 1 TO 5			(None established.)		
Propi conazole CAS NUMBER: 60207-90-1 PERCENT BY WGT: 1 TO 5			(None established.)		
nonyl phenol polyethoxylate CAS NUMBER: 68412-54-4 PERCENT BY WGT: 1 TO 5			(None established.)		

 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: DANGER! May cause severe eye and skin irritation or burns without immediate first aid treatment. Harmful if inhaled. May cause nose, throat and respiratory tract irritation. Harmful if swallowed.

EYES: May cause severe eye irritation and eye damage if not promptly rinsed from eyes. Symptoms may include discomfort or pain, stinging, tearing, redness, swelling of eyes and corneal damage.

SKIN: May cause severe skin irritation and burns if not promptly rinsed from skin. Symptoms may include dryness, itching, burning sensation, redness, cracking and swelling depending on the extent of exposure.

INGESTION: May cause severe irritation and burns to the mouth, throat and stomach. May cause vomiting, diarrhea and depressed respiration. Aspiration of this product into the lungs during ingestion, gagging or vomiting may cause lung damage, which can be fatal.

INHALATION: May cause irritation to the nose, throat and respiratory tract. Inhalation of mists may cause severe irritation. Symptoms may include nasal discomfort, coughing, sore throat and chest tightness.

CHRONIC EFFECTS: Prolonged or repeated exposure to this product can cause skin dermatitis, characterized by red, dry and scaly skin.

CARCINOGENICITY: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

 4 FIRST AID MEASURES

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EYE CONTACT: Immediately flush the eyes with lukewarm, gently flowing water for at least 20-30 minutes, by the clock, while holding the eyelids open. Remove contact lenses after the first five minutes, then continue rinsing eyes. Neutral saline solution may be used as soon as available. DO NOT INTERRUPT FLUSHING. If necessary, keep emergency vehicle waiting. Take care not to rinse contaminated water into the unaffected eye or onto face. If irritation persists, repeat flushing. Call a poison control center or doctor for treatment advice.

SKIN CONTACT: Flush contaminated area with lukewarm, gently flowing water for at least 20-30 minutes by the clock. If irritation persists, repeat flushing. DO NOT INTERRUPT FLUSHING. If necessary, keep emergency vehicle waiting. Under running water, remove contaminated clothing, shoes and leather goods (e.g. watch-bands, belts). Call a poison control center or doctor for treatment advice. Discard contaminated leather goods and thoroughly decontaminate clothing, shoes, etc.

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 or doctor immediately for treatment advice. Have person rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. Have person drink 8 to 10 oz. (240-300 mL) of water to dilute material in stomach. If milk is available, it may be administered AFTER the water has been given. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Repeat administration of water. Quickly transport person to emergency care facility.

NOTE TO PHYSICIAN: Mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be required. Although carbamates are known to cause cholinesterase inhibition, 3-iodo-2-propynyl butyl carbamate did not inhibit cholinesterase in animals.

5 FIRE FIGHTING MEASURES

FLASH POINT: 158F/70C
AUTOIGNITION TEMPERATURE: No information found.
FLAMMABLE LIMITS (% by volume/air)
Lower Limit: No information found.
Upper Limit: No information found.

EXTINGUISHING MEDIA: Use dry chemical, carbon dioxide, foam or water spray (fog)

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. Toxic vapors may be given off in a fire. Contain run-off from fire.

5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: When heated (fire conditions), can release toxic vapors. Closed containers may explode when exposed to extreme heat (fire). "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or disposed of properly.

6 SPILL AND LEAK PROCEDURES

SMALL SPILL: Absorb spill with an inert material (e.g., sand or earth), then place in a chemical waste container for proper disposal. Take up carefully to avoid heat and sparks. Keep spills out of sewers and open bodies of water.

LARGE SPILL: Isolate hazard area and deny entry. Shut-off ignition sources (flares, flames, including pilot lights, electrical sparks). Dike and contain spilled liquid with sand or earth. Do not use combustible products such as sawdust. 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 vapor or mists. Avoid contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

STORAGE: Store in areas/buildings designed to comply with OSHA 29 CFR 1910.106. Keep in a closed, labeled container within a cool (well-shaded), dry, ventilated area. Protect from physical damage. Keep containers closed when not in use. Do not contaminate water, food, or feed by storage or disposal. Store away from caustics and oxidizers.

OTHER: Showering and clothing change recommended at the end of each shift. Keep containers from excessive heat and freezing. Do not store at temperatures above 120 F. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient general/local exhaust ventilation in pattern/volume to control inhalation exposures below current exposure limits.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation rates should be matched to use conditions. Supplementary local exhaust ventilation may be needed in poorly ventilated spaces, during spraying, heating, or other non-routine activities.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Industrial safety goggles, and faceshield, as necessary, when working with the concentrate.

HAND PROTECTION: Chemical-resistant, flexible-type gloves (neoprene, nitrile or equal) to prevent contact. Gloves should be rinsed and removed immediately after use. Wash hands after removing gloves.

SKIN PROTECTION: Applicators and other handlers working with the concentrate must wear coveralls over long-sleeved shirt and long pants, chemical-resistant apron, footwear and socks.

RESPIRATORY PROTECTION: Respiratory protection may be necessary under certain use conditions, such as spraying or misting. Under such conditions, a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G) or a NIOSH-approved respirator with an organic vapor cartridge or canister with an R, P or HE prefilter must be used. If respirators are used, a program should be instituted to assure compliance with 29 CFR 1910.134 and 42 CFR 84.

OTHER: Facilities utilizing this material should be equipped with an eyewash station and safety shower. Thoroughly clean shoes and wash contaminated clothes before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

Weight Per Gallon (lbs):	7.910	% VOL by Weight.:	Not determined
Vapor Density.:	Not determined	Boiling Point.:	Not determined
Vapor Pressure:	Not determined	Evaporation Rate:	Not determined
pH.:	7.0 @ 10%	Specific Gravity:	0.95
Solubility In Water:	Miscible	Viscosity.:	Not determined
VOC Content.:	< 0.1 lb/gal		

10 STABILITY AND REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Avoid oxidizing materials, strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCT(S): May produce carbon monoxide and carbon

10 STABILITY AND REACTIVITY DATA

dioxide, oxides of nitrogen, iodine vapors, and other toxic organic vapors.

11 TOXICOLOGICAL INFORMATION

Contact Kop-Coat for toxicological information on active ingredients.

12 ECOLOGICAL INFORMATION

This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwater.

This product is a pesticide and may cause adverse environmental impact. Avoid contamination of waterbodies and sewers.

13 DISPOSAL CONSIDERATIONS

Dispose of in compliance with all federal, state and local laws and regulations.

14 TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: UN1760, Corrosive Liquids, n.o.s. (alkyl amines)
DOT HAZARD CLASS: Corrosive Liquid (8), PG II
LABEL: Corrosive material

15 REGULATORY INFORMATION

SARA TITLE III SECTION 313 CHEMICALS
3-iodo-2-propynyl butyl carbamate
Propiconazole

WORKHORSE(TM) Sapstain and Mold Control EPA Registration Number: 60061-126

16 OTHER INFORMATION

NOTICE: This document is generated for the purpose of distributing health, safety and environmental data. The information on this MSDS was obtained from

16 OTHER INFORMATION

sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. Kop-Coat makes no warranty with respect thereto and disclaims all liability from reliance thereon.

Prepared by: Manager of Health, Safety and Environmental Affairs

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