

# TOTAL KILL

## SECTION I

### HARVARD CHEMICAL RESEARCH

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HEALTH	2	0=Least
FLAMMABILITY	2	1=Slight
REACTIVITY	2	2=Moderate
		3=High
		4=Extreme

## SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	%	OSHA / PEL	ACGIH / TLV	OTHER / STEL
Petroleum Solvent		77.35%		N/A	
EPA # 8123-71-61524					
2, 4-bis-6-methoxy-s-triazine	1610-18-0				

DOT HAZARDOUS MATERIALS DESCRIPTION:  
COMBUSTIBLE LIQUID, N.O.S. (PETROLEUM DISTILLATE)

## SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 400-600 °F	Appearance and odor: Tan to brown liquid with petroleum odor
Vapor Pressure (mm Hg): 0.3 mm/Hg	Specific Gravity (H2O=1): 0.85-0.90
Vapor Density (Air=1): < 1	Melting Point: N/A
Solubility in Water: Emulsifiable	Evaporation Rate:(Butyl Acetate=1) >1

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A Flammable Limits: LEL: 1.0 UEL: 7.0  
Extinguishing Media: Combustible hydrocarbon mixture--avoid straight water stream; use alcohol foam, carbon dioxide or dry chemical.  
Special Fire Fighting Procedure / Unusual Fire and Explosion Hazards: Containers involved in a fire may be cooled with flooding quantities of water, applied from as far a distance as possible. Do not extinguish fire unless flow can be stopped. Avoid breathing fumes, vapors, and smoke or combustion products. Combustion may generate toxic gases. Use appropriate personal protection equipment. Avoid and possible environmental contamination. Use self-contained breathing apparatus. Do not spread burning liquid with water used for cooling purposes. Material is combustible. Excessive heat from a fire may lead to drum rupture or explosion. Keep material away from ignition sources. Vapors are heavier than air and may travel a considerable distance for ignition and flashback. Avoid dense accumulation of vapors.

## SECTION V-REACTIVITY DATA

Stability: Stable  
Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids or bases, selected amines  
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide and nitrogen-containing gases upon combustion.  
Hazardous Polymerization: Will not occur.

## SECTION VI-HEALTH HAZARD DATA

Routes of Entry  
Inhalation: Yes Skin: Yes Ingestion: No  
Carcinogenicity:  
Health Hazards (acute and chronic): Eye Irritation. Skin Irritant, if possible leading to dermatitis. Spray mists are irritating and potentially harmful. Harmful or fatal if swallowed.  
Ingestion leads to organ damage. Excessive inhalation leads to nervous system depression, nausea, vomiting.  
Carcinogenicity:  
NTP: NO IARC Monographs: NO OSHA Regulated: NO  
Signs and Symptoms of Exposure: Eye Irritant. Skin irritation or dermatitis. Respiratory irritation. Ingestion leads to illness and danger or pneumonia if aspirated into lungs.  
Medical Conditions Generally Aggravated By Exposure: Dermatitis. Bronchial conditions.  
Emergency and First Aid Procedures:  
Eye--Flush with copious amounts of water for at least 15 minutes. Seek immediate medical attention.  
Skin--Wash with soap and water, seek physician if irritation persists.  
Ingestion--Do Not induce vomiting, seek immediate medical attention.  
Inhalation-- Move to fresh air. Avoid further inhalation of mist. Artificial respiration if necessary. Seek physician if necessary.

## SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be taken in case material is released or spilled:** Eliminate all ignition sources. Ventilate the area. Wear appropriate safety equipment. Stop the spill if possible. Dike area to contain spill, then collect with an absorbent or by wet vacuuming. Do not introduce into sewers or waterways. Avoid all environmental contamination. Clean area of residues with detergent and water.  
**Waste Disposal Method:** According to all applicable pollution and environmental rules and regulations. Do not reuse empty container, dispose of according to label instructions and RCRA regulations.  
**Precautions to be taken in handling and storing:** Keep out of the reach of children. Keep container closed when not in use. Read all label cautions and directions before use. Use only as specified on the label. Material is combustible. Store in a cool area, away from food, feed, fertilizers, seeds, insecticides and fungicides. Store only in original labeled container. Avoid all eye and skin contact. Do not breathe spray mists. Use appropriate safety equipment to handle leaking containers. Use normal good housekeeping and common sense as with any pesticide or combustible material. Avoid contamination of waterways by cleaning of equipment. Remove contaminated clothing and wash before reuse.

## SECTION VIII-CONTROL MEASURES

Respiratory Protections (Specify Type): To avoid breathing spray mist  
Ventilation:  
Local Exhaust: Fresh air  
Protective Gloves: Rubber  
Eye Protection: Safety Glasses  
Other Protective Clothing or equipment: To avoid wetting the skin and eyes.  
Work/Hygienic Practices: Do not eat, smoke or drink when using this product. Wash hands thoroughly after using this product.

## SECTION IX-ADDITIONAL INFORMATION

SPECIAL HAZARD DESIGNATIONS: NFPA Designation 704  
Section 313 Toxic Chemicals: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning Community Right-to-Know Act 1986 of CFR 372: None