

Distributed By:  
**KAYLINE COMPANY**

3303 Lakeside Ave. Cleveland, Ohio 44114

Product Name: 1-SHOT PRODUCT CODE: K191

PHONE: 216-566-9858 or 800-426-5820

EMERGENCY: phone number involving spill, leak, fire or accident: INFOTRAC: 800-535-5053

MATERIAL SAFETY DATA (Prepared According to 29CFR 1910, 1200)

REVISED DATE: 6/17/08

**SECTION I -- PRODUCT AND DISTRIBUTER IDENTIFICATION**

PRODUCT NAME: 1-SHOT  
PRODUCT TYPE: SUPER CONCENTRATED ODOR NEUTRALIZER  
COMPANY NAME: KAYLINE COMPANY  
COMPANY ADDRESS: P.O. Box 603207 Cleveland, Ohio 44103

HAZARD RATING		
HEALTH	0	0 - MINIMAL
FLAMMABILITY	2	1 - SLIGHT
REACTIVITY	0	2 - MODERATE
PROTECTIVE EQUIPMENT	NONE NECESSARY	3 - SERIOUS
		4 - EXTREME

**SECTION II -- HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

HAZARDOUS COMPONENTS (SPECIFY CHEMICAL IDENTITY, COMMON NAMES)	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	% OPTIONAL
NONE				

**SECTION III -- PHYSICAL CHEMICAL CHARACTERISTICS**

BOILING POINT: 350 F  
SPECIFIC GRAVITY (WATER=1): 0.840  
VAPOR PRESSURE: 2mm @ 25 C  
APPEARANCE AND ODOR: YELLOW TINGE LIQUID, CITRUS ODOR.  
MELTING POINT: N.A.  
EVAPORATION RATE: SLOWER THAN ETHER (ETHER=1)  
VAPOR DENSITY: >1(AIR=1)  
SOLUBILITY IN WATER: INSOLUBLE

**SECTION IV -- FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT : 122 F TCC COMBUSTIBLE  
UPPER EXPLOSION LIMIT: 0.7% LOWER EXPLOSION LIMIT: 6.1%  
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, FOG.  
SPECIAL FIREFIGHTING INSTRUCTIONS: USE SELF-CONTAINED BREATHING APPARATUS.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE.

**SECTION V -- REACTIVITY DATA**

STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): AVOID STRONG OXODIZING AGENTS.  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: FORMS CARBON MONOXIDE AND/OR DIOXIDE UPON BURNING.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.  
CONDITIONS TO AVOID: NONE.

**SECTION VI -- HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY INHALATION: YES SKIN: YES INGESTION: YES  
HEALTH HAZARDS (ACUTE AND CHRONIC)  
ACUTE: MAY BE IRRITATING TO THE EYES AND SKIN. INGESTION CAN CAUSE GASTROINTESTINAL DISTURBANCES.  
CHRONIC: NONE KNOWN  
CARCINOGENICITY NTP?: N/A IARC MONOGRAPHS?: N/A  
OSHA REGULATED?: N/A  
SIGNS AND SYMPTOMS OF EXPOSURE: EYE AND SKIN IRRITATION.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED: NONE  
EMERGENCY AND FIRST AID PROCEDURES:  
SKIN CONTACT: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS CALL PHYSICIAN.  
INGESTION: DO NOT INDUCE VOMITING, CALL PHYSICIAN IMMEDIATELY.  
EYE CONTACT: FLUSH WITH COPIOUS AMOUNTS OF WATER. IF IRRITATION PERSISTS, CALL PHYSICIAN.  
INHALATION (IN CONFINED SPACES): REMOVE TO FRESH AIR.

**SECTION VII -- PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE ALL IGNITION SOURCES. SMALL SPILLS SHOULD BE ABSORBED BY DIRT, SAND OR OTHER SUITABLE ABSORBENTS FOR DISPOSAL. LARGE SPILLS CAN BE DIKES WITH DIRT, THEN PUMPED TO TANK TRUCK FOR DISPOSAL.  
WASTE DISPOSAL: IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.  
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: USUAL PRECAUTIONS FOR COMBUSTIBLE LIQUIDS.  
OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

**SECTION VIII -- CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT NORMALLY REQUIRED, BUT IF VAPOR CONCENTRATION BECOMES HIGH, USE SELF CONTAINED AIR MASK.

**VENTILATION**

LOCAL EXHAUST: ONLY IF MECHANICAL IS INADEQUATE.  
MECHANICAL (GENERAL): SATISFACTORY.  
SPECIAL: NONE NECESSARY.  
PROTECTIVE GLOVES: RUBBER OR NEOPRENE.  
EYE PROTECTION: CHEMICAL GOGGLES.  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: EYE WASH STATION.  
WORK / HYGIENIC PRACTICES: OBSERVE GOOD PERSONAL HYGIENE. WASH HANDS BEFORE EATING, AVOID INGESTION.

THIS COMPANY CANNOT ANTICIPATE ALL CONDITIONS OF HANDLING AND USE OF THIS PRODUCT. THEREFORE, THIS COMPANY ACCEPTS NO RESPONSIBILITY FOR RESULTS OBTAINED BY THE APPLICATION OF THIS INFORMATION, OR THE SAFETY AND SUITABILITY OF OUR PRODUCTS EITHER ALONE OR IN COMBINATION WITH OTHER PRODUCTS. IT IS THE RESPONSIBILITY OF THE USER TO PROVIDE A SAFE WORKPLACE, USING THE HEALTH AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE. THIS COMPANY WILL ACCEPT NO LIABILITY FOR DAMAGES OR LOSS INCURRED FROM THE IMPROPER HANDLING AND USE OF THIS PRODUCT.