

SECTION I - IDENTIFICATION

PRODUCT NAME: BLAST
PRODUCT CODE: K47
PRODUCT USE: Insecticide
COMPANY NAME: Kayline Company
COMPANY ADDRESS: PO Box 603207 Cleveland, OH 44103
COMPANY PHONE: 1-800-426-5820
EMERGENCY PHONE: 800-535-5053

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Aerosol: Category 2

Liquefied Gas

Eye Irritant: Category 2b

Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Flammable Aerosol Contains gas under pressure; May explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.



SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENT | CAS NUMBER | PERCENT |
|---------------------------|------------|---------|
| Isoparaffinic Hydrocarbon | 64742-47-8 | 10-15% |
| Propane/n-Butane | 68476-86-8 | 7-13% |
| Propane | 74-98-6 | 3-7% |

SECTION IV - FIRST AID MEASURES

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: Redness, tearing, and blurred vision

Ingestion: Aspiration risk

CHRONIC HEALTH HAZARDS: Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.



UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Some Plastics and strong oxidizers

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

| HAZARDOUS INGREDIENT | OSHA PEL | ACGIH TLV |
|---------------------------|----------|-----------|
| Isoparaffinic Hydrocarbon | 400 ppm | 400 ppm |
| Propane/n-Butane | 1000 ppm | 1000 ppm |
| Propane | 1000 ppm | 1000 ppm |

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.

RESPIRATORY PROTECTION: Not required with normal use.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Spray Mist

ODOR: Insecticidal odor

ODOR THRESHOLD: N/D

BOILING POINT: 450°F

FREEZING POINT: N/D

FLAMMABILITY: Flammable Aerosol

FLASH POINT: N/D

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

VAPOR PRESSURE (mm Hg): 0.4

VAPOR DENSITY (AIR=1): <6

EVAPORATION RATE: < 1

SPECIFIC GRAVITY (H2O=1): 0.970

pH: 6.5

SOLIDS (%): N/D

SOLUBILITY IN WATER: 100%

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

VOLATILITY INCLUDING WATER (%): 85.1%

VOLATILE ORGANIC COMPOUNDS (VOC): 15%

DIELECTRIC STRENGTH (Volts): N/A

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: None Known

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY: Some Plastics and strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Isoparaffinic Hydrocarbon (64742-47-8) LD₅₀ (Oral, Rat) 5 g/kg; LD₅₀ (Dermal, Rabbit) 2 g/kg; LC₅₀ (Rat, 4hr) 5 mg/L

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes irritation, burning, redness, tearing.

INGESTION: Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.

INHALATION: Causes dizziness, excessive or prolonged exposure may cause unconsciousness.

SKIN: May cause mild irritation, localized defatting.

MEDICAL CONDITION AGGRAVATED: Excessive exposure will aggravate respiratory cardiovascular or pulmonary illnesses.

ACUTE HEALTH HAZARDS: Eyes: Redness, tearing, and blurred vision

CHRONIC HEALTH HAZARDS: Concentrating vapors and inhaling material can lead to oxygen deprivation, loss of brain function and potential loss of life.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment areas.

BIODEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: Components in this mixture can bioaccumulate in aquatic organisms.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

RCRA STATUS: Waste likely considered Non-hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols 2.1, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

SHIPPING BY WATER:**VESSEL (IMO/IMDG)****PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.**HAZARD CLASS/DIVISION:** 2.1**UN/NA NUMBER:** UN 1950**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant**SECTION XV - REGULATORY INFORMATION****TSCA STATUS:** All Chemicals are listed or exempt.**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None**SARA 311/312 HAZARD CATEGORIES:** None**SARA 313 REPORTABLE INGREDIENTS:** None**STATE REGULATIONS:** California Proposition 65: None**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION: Hazards to Humans: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Hazards to Domestic Animals: Do not spray directly in/on eyes, mouth or genitalia of pets. Use only on dogs. Do not use on cats or kittens. Do not use on puppies less than twelve (12) weeks old. Consult a veterinarian before using this product on debilitated, aged, pregnant, medicated, or nursing animals. Sensitivities may occur after using any pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

EPA Reg. No. 44446-62-33422

NFPA HEALTH: 1**HMIS HEALTH:** 1**NFPA FLAMMABILITY:** 1**HMIS FLAMMABILITY:** 1**NFPA REACTIVITY:** 0**HMIS REACTIVITY:** 0**NFPA OTHER:** None**HMIS PROTECTION:** A**SECTION XVI - ADDITIONAL INFORMATION****PREPARATION BY:** Jonathon Jarvis**DATE PREPARED:** 11/06/2013**REVISION DATE:** 09/24/2014

N/A = Not Applicable; N/D = Not Determined

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