

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Hi-Blast
PRODUCT CODE: 8081559
RECOMMENDED USE: Degreaser
RESTRICTIONS ON USE: None Known
COMPANY NAME: Kimball Midwest
COMPANY ADDRESS: 4800 Roberts Rd., Columbus, Ohio 43228
COMPANY PHONE: 800-233-1294
EMERGENCY PHONE: 800-424-9300

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Aerosols Category 1

Eye Irritant: Category 2A

Skin Sensitization: Category 1B

HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol. Pressurized container: May burst if heated. Causes serious eye irritation. May cause an allergic skin reaction.

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

PRECAUTIONARY STATEMENTS: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No Smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear eye protection and protective gloves. 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. Avoid breathing vapors or spray. Contaminated work clothing must not be allowed out of the workplace. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Dispose of contents/container in accordance with local, state, and federal law.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Diethylene Glycol n-Butyl Ether	112-34-5	5-10%
d-Limonene	5989-27-5	1-5%
Petroleum Distillates, Hydrotreated light	64742-47-8	1-5%
Propane	74-98-6	1-5%
n-Butane	106-97-8	1-5%
4-Nonylphenol branched, ethoxylated	127087-87-0	1-3%

Trade Secret Information: A specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

INHALATION: Move to fresh air.

SKIN: Wash thoroughly with soap and water.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

CHRONIC HEALTH HAZARDS: May cause skin sensitization. May be toxic to kidneys and liver.

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.

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SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA in fire situations. Use water spray to cool containers exposed to fire.

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: Absorb spill with non-combustible material such as vermiculite, sand or earth.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not puncture container, wrap container and place in trash collection.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however 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.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents, acids.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Diethylene Glycol n-Butyl Ether	Not Established	25 ppm
d-Limonene	Not Established	Not Established
Petroleum Distillates, Hydrotreated light	Not Established	200 mg/m ³
Propane	1000 ppm	1000 ppm
n-Butane	1000 ppm	1000 ppm
4-Nonylphenol branched, ethoxylated	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: Use only in well ventilated areas. Local ventilation/exhaust preferred.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if listed exposure limits (section VIII) are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White Foam

ODOR: Citrus scent

ODOR THRESHOLD: N/D

pH: 11-12

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: > 212°F (100°C)

FLASH POINT: N/D

EVAPORATION RATE: Slow

FLAMMABILITY(solid/gas): Extremely Flammable Aerosol

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/A

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOISVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H₂O=1): 0.90-1.00

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SOLUBILITY(IES): 92%

PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: None Known

CHEMICAL STABILITY: Stable under normal storage conditions.

POSSIBLE HAZARDOUS REACTIONS: None Known

CONDITIONS TO AVOID: Excessive heat.

INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents, acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Stable under normal storage conditions.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Diethylene Glycol n-Butyl Ether (112-34-5) LD₅₀ (Oral, Rat): 3950 - 9740 mg/kg, (Mouse) 12,400 mg/kg, (Guinea Pig) 3000 - 4970 mg/kg, (Rabbit) 4450 mg/kg; LD₅₀ (Skin, Rabbit): 10,300 mg/kg, (Guinea Pig) 31,700 mg/kg, (Mouse & Rat) 5940 mg/kg; LC₅₀ (Inhalation, Rat): 960 ppm. **d-Limonene** (5989-27-5) LD₅₀ (Oral, Rat) 4400 mg/kg (Mouse) 5600 mg/kg; LD₅₀ (Dermal, Rabbit) 5000 mg/kg. **Isoparaffinic Hydrocarbon** (64742-47-8) LD₅₀ (Oral, Rat) >5000 mg/kg; LD₅₀ (Dermal, Rabbit) >2000 mg/kg

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Causes serious irritation and redness.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting.

INHALATION: Causes mild irritation to the respiratory tract.

SKIN: May cause irritation, localized defatting.

MEDICAL CONDITION AGGRAVATED: None known

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

CHRONIC HEALTH HAZARDS: May cause skin sensitization. May be toxic to kidneys and liver.

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

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Diethylene Glycol n-Butyl Ether (112-34-5) LC₅₀ (Lepomis macrochirus, 96hr) 1,300 mg/L; LC₅₀ (Leuciscus idus, 48hr) > 1,000 mg/L; EC₅₀ (Daphnia magna, 48hr) > 100 mg/L; IC₅₀ (Green Algae, 24hr) 100 mg/L; LC₅₀ (Pseudomonas Putida, 16hr) 1,170 mg/L **Isoparaffinic Hydrocarbon** (64742-47-8) Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxics effects to organisms.

PERSISTENCE AND DEGRADABILITY: This product is biodegradable.

BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.

MOBILITY IN SOIL: This product is mobile in soil.

OTHER ADVERSE EFFECTS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations. Do not puncture container, wrap container and place in trash collection.

RCRA STATUS: Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

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SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

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: Physical & health hazards.

SARA 313 REPORTABLE INGREDIENTS: Diethylene Glycol n-Butyl Ether (DB) (112-34-5)

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None **Distillates, Petroleum, Hydrotreated, Light** (64742-47-8) RTK - PA, NJ, RI. **Diethylene Glycol n-Butyl Ether** (112-34-5) RTK - PA, NJ

INTERNATIONAL REGULATIONS: **Diethylene Glycol n-Butyl Ether** (112-34-5): European Union - EINECS, Australia - AICS, Japan - ENCS, Korean - ECL, (WHMIS) Canada

VOLATILE ORGANIC COMPOUNDS (VOC): 9.9%

NFPA HEALTH: 2

HMIS HEALTH: 2

NFPA FLAMMABILITY: 3

HMIS FLAMMABILITY: 3

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: A

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Regulatory

DATE PREPARED: 12/30/2013

REVISION DATE: 01/02/2026

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

DISCLAIMER:

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