

**Safety Data Sheet**  
Fresh & Clean

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Fresh & Clean  
**PRODUCT CODE:** AOT-56  
**RECOMMENDED USE:** Odor Eliminator  
**RESTRICTIONS ON USE:** None known.  
**COMPANY NAME:** BAF Industries  
**COMPANY ADDRESS:** 8010 Dixie Highway, Florence, KY 41042  
**COMPANY PHONE:** 859-372-5900  
**EMERGENCY PHONE:** CHEMTREC: 800-424-9300; If outside USA: 703-527-3887

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Aerosol: Category 1  
Gases Under Pressure: Liquefied Gas  
Eye Irritant: Category 2A  
Skin Sensitization: Category 1  
Specific Target Organ Toxicity (Single Exposure): Category 3

**HAZARD STATEMENT(S): DANGER:** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation, drowsiness or dizziness.

This product contains the following percentage of chemicals of unknown toxicity: N/A

**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. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F. Wash hands thoroughly after handling. Wear protective gloves, protective clothing, eye protection and face protection. 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. Avoid breathing mist, 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 or attention. Wash contaminated clothing before reuse. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Dispose of contents and container in accordance with local, state, and federal regulations.

**SYMBOL:**



**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Ethyl alcohol	64-17-5	40-80%
Propane	74-98-6	10-20%
N-Butane	106-97-8	10-20%
Isopropyl alcohol	67-63-0	1-5%
Fragrance	Mixture	1-5%
Dodecyl methacrylate	142-90-5	1-5%

**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:** 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. Never give anything by mouth to an unconscious person.

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**INHALATION:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

**SKIN:** Remove contaminated clothes. Wash skin thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops.

**ACUTE HEALTH HAZARDS:** May cause defatting and dermatitis of the skin. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain. May cause respiratory irritation and central nervous system (CNS) depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** None known.

**NOTE TO PHYSICIAN:** Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

### SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemicals, carbon dioxide, water spray, alcohol-resistant foam.

**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. Shut off all sources of ignition. Use water spray to disperse vapor and cool fire exposed containers. Prevent run off from entering streams, sewers, or drinking water supply.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Keep away from heat, sparks, open flames and other sources of ignition.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

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

**SPILL:** Eliminate all sources of ignition. Absorb with non-combustible material like vermiculite, sand or earth and rinse with small amount of soapy water. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.

**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:** Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Protect from sunlight. Store in a well ventilated area. 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. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

**INCOMPATIBILITY:** Avoid heat, flame, and contact with strong oxidizing agents.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Ethyl alcohol	1000 ppm	1000 ppm
Propane	1000 ppm	1000 ppm
N-Butane	Not Established	1000 ppm
Isopropyl alcohol	400 ppm	200 ppm
Fragrance	Not Established	Not Established
Dodecyl methacrylate	Not Established	Not Established

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate.

**RESPIRATORY PROTECTION:** Not required with adequate ventilation.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses/goggles and chemical resistant gloves.

**ADDITIONAL MEASURES:** Wear protective clothing to prevent repeated or prolonged contact with product. Wash hands thoroughly after handling.

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## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear, colorless misting spray

**ODOR:** Cologne scent

**ODOR THRESHOLD:** N/D

**pH:** N/A

**MELTING POINT/FREEZING POINT:** N/D

**INITIAL BOILING POINT AND BOILING RANGE:** N/D

**FLASH POINT:** Not applicable, as aerosol.

**EVAPORATION RATE:** N/A

**FLAMMABILITY(solid/gas):** Extremely Flammable Aerosol

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:**

**LOWER FLAMMABILITY LIMIT:** N/D

**UPPER FLAMMABILITY LIMIT:** N/D

**EXPLOSIVE LIMIT LOWER (%):** N/D

**EXPLOSIVE LIMIT UPPER (%):** N/D

**VAPOR PRESSURE (mm Hg):** N/D

**VAPOR DENSITY (AIR=1):** N/D

**RELATIVE DENSITY (H<sub>2</sub>O=1):** 0.78 - 0.82 @ 77 °F (25 °C)

**SOLUBILITY(IES):** N/D

**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**DECOMPOSITION TEMPERATURE:** N/D

**VISCOSITY:** N/D

## SECTION X – STABILITY AND REACTIVITY

**REACTIVITY:** None known.

**CHEMICAL STABILITY:** Stable.

**POSSIBLE HAZARDOUS REACTIONS:** None known.

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

**INCOMPATIBLE MATERIALS:** Avoid heat, flame, and contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** Ethyl alcohol (64-17-5): LC<sub>50</sub> (Inhalation, Rat, 4h) 133.6 mg/L; LD<sub>50</sub> (Oral, Rat) > 8311 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) 16972.5 mg/kg. Propane (74-98-6): LC<sub>50</sub> (Inhalation, Rat, 4h) 658 mg/L. n-Butane (106-97-8): LC<sub>50</sub> (Inhalation, Rat, 4h) 30957 mg/m<sup>3</sup>. Isopropyl alcohol (67-63-0): LD<sub>50</sub> (Oral, Rat) 5045 mg/kg; LD<sub>50</sub> (Dermal, Rabbit) 12870mg/kg; LC<sub>50</sub> (Inhalation, Rat, 4h) 78.6 mg/L.

**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin

**EYES:** Causes irritation, redness, tearing, pain.

**INGESTION:** May cause gastrointestinal irritation.

**INHALATION:** May cause respiratory tract irritation, dizziness, headaches, nausea, unconsciousness, central nervous system (CNS) depression.

**SKIN:** May cause irritation, redness, dryness. May cause an allergic skin reaction.

**MEDICAL CONDITION AGGRAVATED:** May aggravate existing eye and respiratory conditions.

**ACUTE HEALTH HAZARDS:** May cause defatting and dermatitis of the skin. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain. May cause respiratory irritation and central nervous system (CNS) depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** None known.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: 1 - Human OTHER: Not classified. Ethyl alcohol possesses properties that indicate a carcinogenicity hazard for human health, but these are manifest only at doses associated with consumption of alcoholic beverages.

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## SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY:** Avoid release to the environment. **Ethyl alcohol** (64-17-5): LC<sub>50</sub> (Fish, 96h) 12,900 - 15,300 mg/L; LC<sub>50</sub> (Bacteria, 24h) 11,200 mg/L; EC<sub>50</sub> (Bacteria, 5 - 30m) 34,900 mg/L. **Isopropyl alcohol** (67-63-0): LC<sub>50</sub> (Fish, 96h): > 100 mg/L; LC<sub>50</sub> (Fathead minnow, 96h) 9640 mg/L; EC<sub>50</sub> (Daphnia, 24h) 5102 mg/L.

**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.

**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:** N/D

**OTHER ADVERSE EFFECTS:** None known.

## SECTION XIII – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.

**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

### SHIPPING BY WATER:

#### VESSEL (IMO/IMDG)

**PROPER SHIPPING NAME:** Aerosols

**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:** Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Respiratory or skin sensitization. Specific target organ toxicity (single or repeated exposure).

**SARA 313 REPORTABLE INGREDIENTS:** This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.

**STATE REGULATIONS: California Proposition 65:** This product contains no known chemicals regulated by California Proposition 65.

**INTERNATIONAL REGULATIONS:** No information available.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 95.7%

**NFPA HEALTH:** 1

**NFPA FLAMMABILITY:** 3

**NFPA REACTIVITY:** 0

**NFPA OTHER:** None

**HMIS HEALTH:** 1

**HMIS FLAMMABILITY:** 3

**HMIS REACTIVITY:** 0

**HMIS PROTECTION:** B

## SECTION XVI - OTHER INFORMATION

**PREPARATION BY:** Roberto Cerón

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**DATE PREPARED:** 06/15/2021

**REVISION DATE:** 10/22/2021

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

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