

**Safety Data Sheet**  
Awesome Orange

**SECTION I - IDENTIFICATION**

**PRODUCT IDENTIFIER:** Awesome Orange  
**PRODUCT CODE:** AAO-500  
**RECOMMENDED USE:** General Purpose Cleaner  
**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:** Gases Under Pressure: Liquefied Gas

Skin Irritant: Category 2

Eye Irritant: Category 2A

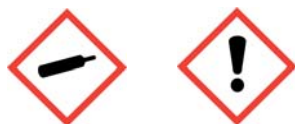
Skin Sensitization: Category 1

**HAZARD STATEMENT(S): WARNING:** Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

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 skin thoroughly after handling. Wear eye protection, face protection and protective gloves. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. 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. 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
Propane	74-98-6	1-5%
N-Butane	106-97-8	1-5%
Diethylene glycol n-butyl ether	112-34-5	1-5%
d-Limonene	5989-27-5	1-4%

**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.

**INHALATION:** Move to fresh air. If breathing difficulty persists, seek medical attention.

**SKIN:** If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

**ACUTE HEALTH HAZARDS:** Causes eye irritation including redness, tearing, and pain. Causes skin irritation including redness, burning and drying/cracking. May cause an allergic skin reaction. Inhalation of vapors or mists may cause irritation of respiratory system. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Safety Data Sheet**  
**Awesome Orange**

**CHRONIC HEALTH HAZARDS:** Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

**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 chemical, carbon dioxide, and foam.

**UNSUITABLE EXTINGUISHING MEDIA:** N/A

**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. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** 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, nitrogen, sulfur.

**SECTION VI – ACCIDENTAL RELEASE MEASURES**

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

**SPILL:** Eliminate all sources of ignition. Soak up spilled material with inert absorbent material and place in properly labeled closed container for disposal. Wear appropriate personal protective equipment.

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

**RCRA STATUS:** 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. Keep away from temperatures below freezing. Protect from sunlight. 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:** Strong acids, strong oxidizing agents, chemically active metals.

**SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Propane	1000 ppm	10 ppm
N-Butane	Not Established	1000 ppm
Diethylene glycol n-butyl ether	Not Established	10 ppm
d-Limonene	Not Established	Not Established

**ENGINEERING CONTROLS / VENTILATION:** General ventilation adequate but local exhaust/ventilation preferred.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

**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.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear, light yellow foaming spray

**ODOR:** Citrus

**ODOR THRESHOLD:** N/D

**pH:** N/D

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

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

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

**EVAPORATION RATE:** N/D

## Safety Data Sheet

### Awesome Orange

**FLAMMABILITY(solid/gas):** Not considered a flammable aerosol by OSHA (29CFR 1910.1200)

**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):** 0.91 - 0.93 @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:** Elevated temperatures and excessive heat. Avoid incompatibles.

**INCOMPATIBLE MATERIALS:** Strong acids, strong oxidizing agents, chemically active metals.

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

## SECTION XI – TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION: Diethylene glycol n-butyl ether (112-34-5):** LD<sub>50</sub> (Oral, Rat): 3950 - 9740 mg/kg, (Mouse) 12,400 mg/kg, (Guinea Pig) 3000 - 4970 mg/kg, (Rabbit) 4450 mg/kg; LD<sub>50</sub> (Skin, Rabbit): 10,300 mg/kg, (Guinea Pig) 31,700 mg/kg, (Mouse & Rat) 5940 mg/kg; LC<sub>50</sub> (Inhalation, Rat): 960 ppm. **d-Limonene (5989-27-5):** LD<sub>50</sub> (Oral, Mouse) 5.6 - 6.6 g/kg.

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

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

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

**INHALATION:** May cause respiratory tract irritation, dizziness.

**SKIN:** Causes irritation. Repeated prolonged contact may cause allergic reaction in some individuals.

**MEDICAL CONDITION AGGRAVATED:** May aggravate pre-existing medical conditions.

**ACUTE HEALTH HAZARDS:** Causes eye irritation including redness, tearing, and pain. Causes skin irritation including redness, burning and drying/cracking. May cause an allergic skin reaction. Inhalation of vapors or mists may cause irritation of respiratory system. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**CHRONIC HEALTH HAZARDS:** Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: CA Prop 65

## SECTION XII – ECOLOGICAL INFORMATION

**ECOTOXICITY: Diethylene glycol n-butyl ether (112-34-5):** LC<sub>50</sub> (*Lepomis macrochirus*, 96h) 1,300 mg/L; LC<sub>50</sub> (*Leuciscus idus*, 48h) > 1,000 mg/L; EC<sub>50</sub> (*Daphnia magna*, 48h) > 100 mg/L; IC<sub>50</sub> (Green Algae, 24h) 100 mg/L; LC<sub>50</sub> (*Pseudomonas putida*, 16h) 1,170 mg/L. **d-Limonene (5989-27-5):** EC<sub>50</sub> (*Pimephales promelas*, 96h) 688 µg/L; EC<sub>50</sub> (*Daphnia magna*, 48h) 421 µg/L.

**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 contents in accordance with federal, state and local regulations. Do not dump in sewers.

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

Safety Data Sheet  
Awesome Orange

**SECTION XIV - TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** Aerosols, Non-Flammable, 2.2, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.2  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Aerosols, Non-Flammable  
**HAZARD CLASS/DIVISION:** 2.2  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**  
**PROPER SHIPPING NAME:** Aerosols  
**HAZARD CLASS/DIVISION:** 2.2  
**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:** Gas under pressure. Skin corrosion or irritation. Serious eye damage or eye irritation. Respiratory or skin sensitization.

**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: WARNING:** This product can expose you to chemicals including Naphthalene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**INTERNATIONAL REGULATIONS:** No information available.

**VOLATILE ORGANIC COMPOUNDS (VOC):** 11.75%

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	1	<b>HMIS FLAMMABILITY:</b>	1
<b>NFPA REACTIVITY:</b>	1	<b>HMIS REACTIVITY:</b>	1
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	B

**SECTION XVI - OTHER INFORMATION**

**PREPARATION BY:** Roberto Cerón

**DATE PREPARED:** 06/04/2021

**REVISION DATE:** 10/18/2021

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

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