

SECTION 1 – IDENTIFICATION

NAME / CODE: **AERO-16 / 1612XX**

USE: Orange scented air freshener

MANUFACTURER: **B.O.D. CHEMICALS INC.**
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SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS: Flammable aerosols Category 1

HEALTH HAZARDS: Skin corrosion / Irritation, category 2
Sensitization skin, category 1

ENVIRONMENTAL HAZARDS: Hazardous to the aquatic environment, acute hazard, category 1
Hazardous to the aquatic environment, long-term hazard, category 1

GHS LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD: DANGER

HAZARD STATEMENTS: Extremely flammable aerosol. Causes skin irritation. May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS

PREVENTION: 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. Avoid breathing gas. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.

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

STORAGE / DISPOSAL: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container in accordance with local regulations (see 13th section).

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS	% (W/W)
Ethyl alcohol	000064-17-5	30 - 60
d-Limonene	005989-27-5	30 - 60
Butane	000106-97-8	15 - 40
Propane	000074-98-6	7 - 13
Orange terpenes	068647-72-3	0.1 - 1

SECTION 4 – FIRST AID MEASURES

SKIN:	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: seek medical attention and take along these instructions.
EYES:	Rinse with water. Continue rinsing. If eye irritation persists, consult a physician.
INGESTION:	Rinse mouth. Do not induce vomiting. In the unlikely event of swallowing, contact a physician or POISON CENTER.
INHALATION:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:	Headache. Coughing. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
TO PHYSICIAN:	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
GENERAL INFORMATION:	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Alcohol resistant foam. Powder. Dry chemicals. Carbon dioxide (CO ₂).
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet as an extinguisher, as this will spread the fire.
SPECIFIC HAZARDS OF THE HAZARDOUS PRODUCT:	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
SPECIAL FIRE FIGHTING EQUIPMENT:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, self-contained breathing apparatus if necessary.
FIRE FIGHTING EQUIPEMENT/INSTRUCTIONS:	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
SPECIFIC METHODS:	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
GENERAL FIRE HAZARDS:	Extremely flammable aerosol.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
ENVIRONMENTAL PRECAUTIONS:	Avoid the spillage or runoff entering drains, sewers or watercourses.
METHODS AND MATERIALS FOR AND CLEANING UP:	Stop leak if it is safe. Rinse the place with water. Move the container to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Level 3 Aerosol. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS	VALUE	REGULATION
Ethyl alcohol	64-17-5	TWA: 1880 mg/m ³	RSST
Butane	106-97-8	TWA: 1900 mg/m ³	RSST
Propane	74-98-6	TWA: 1800 mg/m ³	RSST

APPROPRIATE ENGINEERING CONTROL: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

PERSONAL PROTECTIVE EQUIPMENT



SKIN: Protective clothing. Impermeable gloves.

EYES: Safety goggles.

RESPIRATORY: If ventilation is inadequate, suitable respiratory protection must be worn.

HYGIENE MEASURES: Wash hands after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / FORM:	Gas. Aerosol.
COLOR:	Not available
ODOR:	Orange
ODOR THRESHOLD:	Not available
pH:	Not available
MELTING POINT / FREEZING POINT (°C):	Not available
BOILING POINT (°C):	Not available
FLASH POINT (°C):	-104.4 (Propellant estimated)
EVAPORATION RATE:	Not available
FLAMMABILITY LIMITS:	2.6 - 6.1% (estimated)

EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
DENSITY (kg/L):	0.7 - 0.8 (estimation)
WATER SOLUBILITY:	Not available
PARTITION COEFFICIENT / N-OCTANOL/WATER:	Not available
AUTOIGNITION TEMPERATURE (°C):	307 (estimated)
DECOMPOSITION TEMPERATURE (°C):	Not available

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY:	No dangerous reaction known under conditions of normal use.
STABLE:	Stable at normal ambient temperatures and when used as recommended.
HAZARDOUS REACTIONS:	Hazardous polymerisation does not occur.
CONDITIONS TO AVOID:	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
INCOMPATIBILITY:	Strong oxidizing agents, nitrates, fluorine, chlorine.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN:	Causes skin irritation. May cause an allergic skin reaction.
EYES:	Direct contact with eyes may cause temporary irritation.
INHALATION:	No adverse effects due to inhalation are expected.
INGESTION:	Expected to be a low ingestion hazard.

NUMERIC VALUES OF TOXICITY

ACUTE ORAL TOXICITY:	Not available. No health effects (normal conditions of use).
ACUTE DERMAL TOXICITY:	Not available. No health effects (normal conditions of use).
ACUTE INHALATION TOXICITY:	Not available. No health effects (normal conditions of use).

DELAYED AND IMMEDIATE EFFECTS

SKIN CORROSION / IRRITATION:	Causes skin irritation.
SERIOUS EYE DAMAGE / EYE IRRITATION:	Direct contact with eyes may cause temporary irritation.
RESPIRATORY SENSITIZATION:	Not expected to cause respiratory sensitization.
SKIN SENSITIZATION:	May cause an allergic skin reaction.
GERMINAL CELL MUTAGENICITY:	No data available to indicate product or components present at greater than 0.1% are mutagenic or genotoxic.
CARCINOGENICITY:	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen.

REPRODUCTIVE TOXICITY:	No potential reproductive toxicity.
SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:	Not classified.
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:	Not classified.
ASPIRATION HAZARD:	Not classified.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY:	Ethyl alcohol EC50 Daphnia, 7700 -11200 mg/l - 48h LC50 Fish, >100.1 mg/l - 96h d-Limonene EC50 Daphnia, 69.6 mg/l - 48h LC50 Fish, 0.619 - 0.796 mg/l - 96h
PERSISTENCE AND DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Not available
MOBILITY IN SOIL:	Not available
OTHER ADVERSE EFFECTS:	Not available

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS:	Contents under pressure. Do not puncture, incinerate or crush. Collect in appropriate containers and recycle or dispose the product at a licensed waste disposal site or in accordance with local regulations. Avoid the spillage or runoff entering drains, sewers or watercourses.
HAZARDOUS WASTE CODE:	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
CONTAMINATED PACKAGING:	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 – TRANSPORT INFORMATION

TDG:	UN1950, AEROSOLS, flammable, Class 2.1
SPECIAL PRECAUTIONS FOR USER:	Read safety instructions, SDS and emergency procedures before handling.

SECTION 15 – REGULATORY INFORMATION

INGREDIENTS INCLUDED ON INVENTORY:

Ingredients listed on DSL (Canada), REACH, TSCA (USA).

SECTION 16 – OTHER INFORMATION

PRODUCT NAME:	AERO-16
CODE:	1612XX
IN CASE OF ACCIDENTAL SPILL:	CANUTEC (Canada): 1 (613) 996-6666
PREPARED BY:	B.O.D. CHEMICALS INC.
PHONE:	(450) 443-5556
DATE:	March 7 th , 2019

B.O.D. CHEMICALS INC. assume no responsibility for damages or physical injuries resulting in the use of this product. The user recognizes the risk in the use of this product and must consult and respect directions and dangers of this product.