

SECTION 1 – IDENTIFICATION

NAME: AERO-7 / 0707XX

USE: Foam cleaner for windows and mirrors

MANUFACTURER: B.O.D. CHEMICALS INC.
3300, Star Street, Saint-Hubert, Qc, Canada, J3Y 3W6
Phone : (450) 443-5556 / Fax : (450) 443-6230 / Email : info@chimiquesbod.com

EMERGENCY PHONE: 1 (877) 565-8540

SECTION 2 – HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS: Gases under pressure - Liquefied gas

HEALTH HAZARDS: Not classified.

ENVIRONMENTAL HAZARDS: None

GHS LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD: WARNING

HAZARD STATEMENTS: Contains gas under pressure; may explode if heated.

PRECAUTIONARY STATEMENTS

PREVENTION: Wash hands after handling. Observe good industrial hygiene practices.

RESPONSE: Get medical advice/attention if you feel unwell.

STORAGE / DISPOSAL: Protect from sunlight. Store in a well-ventilated place. 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	1 - 5
2-Butoxyethanol	000111-76-2	1 - 5
Propane	000074-98-6	1 - 5
Butane	000106-97-8	1 - 5

SECTION 4 – FIRST AID MEASURES

SKIN: Rinse skin with water. Consult a physician if irritation persists.

EYES: Rinse cautiously with water for 10 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a physician if irritation persists.

INGESTION: Rinse mouth. Do not induce vomiting. Drink 3 to 4 glasses of water. Do not give anything by

mouth if victim is unconscious. Consult a physician if irritation persists.

INHALATION:

Breathe fresh air. Consult a physician if you feel unwell.

**MOST IMPORTANT SYMPTOMS
AND EFFECTS, BOTH ACUTE
AND DELAYED:**

Direct contact with eyes may cause temporary irritation.

TO PHYSICIAN:

Treat symptoms.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Water spray, carbon dioxide, chemical powder, foam.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

**SPECIFIC HAZARDS OF THE
HAZARDOUS PRODUCT:**

Contents under pressure. Pressurized container may explode when exposed to heat or flame. In case of fire, toxic fumes could be emitted. The product does not burn itself but can decompose during heating to produce carbon monoxide and dioxide and toxic fumes.

SPECIAL FIRE FIGHTING EQUIPMENT:

Wear protective clothing and positive pressure self-contained breathing apparatus if necessary.

**FIRE FIGHTING
EQUIPEMENT/INSTRUCTIONS:**

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. 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:

Cool containers exposed to flames with water until well after the fire is out.

GENERAL FIRE HAZARDS:

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

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. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. 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 cylinder 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. For waste disposal, see section 13 of the SDS.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from heat/sparks/open flames/hot surfaces. No smoking. 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. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Do not re-use empty containers. Wear appropriate personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas. Wash hands thoroughly after handling.

**CONDITIONS FOR SAFE STORAGE,
INCLUDING ANY INCOMPATIBILITIES:**

Level 1 Aerosol. Contents under pressure. Do not expose to heat or store at above 49°C/120°F as can may burst. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Stored containers should be periodically checked for general condition and leakage.

Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

INGREDIENT	CAS	VALUE	REGULATION
2-Butoxyethanol	111-76-2	TWA: 20 ppm	RSST
Ethyl Alcohol	64-17-5	STEL:1000 ppm	RSST
Butane	106-97-8	TWA: 800 ppm	RSST

APPROPRIATE ENGINEERING CONTROL: Good ventilation.

PERSONAL PROTECTIVE EQUIPMENT



SKIN: Impermeable gloves.

EYES: Safety goggles.

RESPIRATORY: Generally not required.

HYGIENE MEASURES: Wash hands after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / FORM: Gas. Aerosol, liquefied gas.

COLOR: Not available

ODOR: Perfumed

ODOR THRESHOLD: Not available

pH: 9 - 10

MELTING POINT / FREEZING POINT (°C): Not available

BOILING POINT (°C): Not available

FLASH POINT (°C): -104.4 Propellant (estimated)

EVAPORATION RATE: Not available

EXPLOSIVE LIMITS: Not available

VAPOUR PRESSURE: 80 - 100 psig to 70°F (estimated)

VAPOUR DENSITY: Not available

DENSITY (kg/L): 0.98 - 1.00

WATER SOLUBILITY: Not available

PARTITION COEFFICIENT / N-OCTANOL/WATER: Not available

AUTOIGNITION TEMPERATURE (°C): Not available

DECOMPOSITION TEMPERATURE (°C): Not available

OTHER INFORMATION
AEROSOL SPRAY ENCLOSED SPACE

DEFLAGRATION DENSITY:	> 2.52 g/cm ³ (tested)
AEROSOL SPRAY IGNITION DISTANCE:	< 15 cm (tested estimated)
EXPLOSIVE PROPERTIES:	Not explosive.
OXIDIZING PROPERTIES:	Not oxidizing.
VOC (Weight %):	9.5 % estimated

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:	Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
INCOMPATIBILITY:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN:	No serious effect.
EYES:	May cause temporary irritation.
INHALATION:	No serious effect.
INGESTION:	No serious effect.

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:	Prolonged skin contact may cause temporary irritation.
SERIOUS EYE DAMAGE / EYE IRRITATION:	Direct contact with eyes may cause temporary irritation.
RESPIRATORY SENSITIZATION:	Not expected to cause respiratory sensitization.
SKIN SENSITIZATION:	Not expected to cause skin sensitization.
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-	Not classified.

REPEATED EXPOSURE:

ASPIRATION HAZARD: Not classified.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: AERO-7
EC50, Daphnia, 1602 mg/l, 48h - estimated

PERSISTENCE AND DEGRADABILITY: 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, non-flammable, Class 2.2.

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-7

CODE: 0707XX

**IN CASE OF
ACCIDENTAL SPILL:** CANUTEC (Canada): 1 (613) 996-6666

PREPARED BY: B.O.D. CHEMICALS INC.

PHONE: (450) 443-5556

DATE: February 13th, 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.