



SECTION 1 – IDENTIFICATION

NAME / CODE: AERO-15 / 1503XX

USE: Stainless steel polish and cleaner

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

GHS CLASSIFICATION

PHYSICAL HAZARDS: Flammable aerosols Category 1

HEALTH HAZARDS: Serious eye damage / Eye irritation, category 2A
Sensitization skin, category 1
Specific target organ toxicity - Single exposure, category 3 - narcotic effects
Aspiration hazard, category 1

ENVIRONMENTAL HAZARDS: None

GHS LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD: DANGER

HAZARD STATEMENTS: Extremely flammable aerosol. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness.

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. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.

RESPONSE: **If swallowed:** Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. **If on skin:** Wash with plenty of water. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. **If skin irritation or rash occurs:** Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

STORAGE / DISPOSAL: Store in a well-ventilated place. Keep container tightly closed. Store locked up. 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)
Distillates (Petroleum), Hydrotreated Light	064742-47-8	35.668

Propane	000074-98-6	14.000
Acetone	000067-64-1	13.149
Methyl Acetate	000079-20-9	9.432
Orange Terpenes	068647-72-3	0.456
Citral	05392-40-5	0.119
Naphtha (petroleum), Heavy Alkylate	064741-65-7	0.1

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 cautiously with water for 15 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:	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
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:	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. 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. Cool containers exposed to heat with water spray and remove container, if no risk is involved. 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. Combustible.

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
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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:

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. Store locked up. 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
Methyl Acetate	79-20-9	TWA: 606 mg/m ³	RSST
Acetone	67-64-1	TWA: 1190 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. Provide eyewash station.

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:

Not available

ODOR THRESHOLD:

Not available

pH:	Not available
MELTING POINT / FREEZING POINT (°C):	Not available
BOILING POINT (°C):	43.09 (estimated)
FLASH POINT (°C):	-104.4 Propellant estimated
EVAPORATION RATE:	Not available
FLAMMABILITY LIMITS:	2.7-13.5%(estimated)
EXPLOSIVE LIMITS:	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
DENSITY (kg/L):	0.179
WATER SOLUBILITY:	Not available
PARTITION COEFFICIENT / N-OCTANOL/WATER:	Not available
AUTOIGNITION TEMPERATURE (°C):	318.49(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.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not available.

SECTION 11 – TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

SKIN:	May cause an allergic skin reaction.
EYES:	Causes serious eye irritation.
INHALATION:	May cause drowsiness and dizziness. Headache. Nausea, vomiting.
INGESTION:	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

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.
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SERIOUS EYE DAMAGE / EYE IRRITATION:	Causes serious eye 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:	May cause drowsiness and dizziness.
SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:	Not classified.
ASPIRATION HAZARD:	May be fatal if swallowed and enters airways.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY:	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
	Methyl Acetate EC50 Daphnia, 1026.7 mg/l - 48h LC50 Fish, 295-348 mg/l - 96h
	Acetone EC50 Daphnie, 21.6 - 23.9mg/l - 48h LC50 Fish, 4740 - 6330mg/l - 96h
PERSISTENCE AND DEGRADABILITY:	Not available
BIOACCUMULATIVE POTENTIAL:	Partition coefficient n-octanol / water (log Kow) Methyl Acetate 0.18 Acetone- -0.24 Propane 2.36
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, Class2.1
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-15
CODE: 1503XX
IN CASE OF ACCIDENTAL SPILL: CANUTEC (Canada): 1 (613) 996-6666
PREPARED BY: B.O.D. CHEMICALS INC.
PHONE: (450) 443-5556
DATE: December 5th, 2018

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.