



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
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**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: AIR TOOL CONDITIONER

DATE PREPARED: JULY 25, 2008

PART NUMBER: 74136

PRODUCT TYPE: Aerosols, Flammable

CHROMATE INDUSTRIAL CORPORATION

CHEMICAL FAMILY: Propane/Butane/Acetone

100 DaVinci Drive, Bohemia, NY 11716 • (888) 567-2206

SECTION 2 – COMPOSITION/ DATA ON COMPONENTS

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous Components:

Mineral Spirits
64742-47-8 37.55%

Acetone
67-64-1 23.07%

Propane
74-98-6 6.3%

n-butane
106-97-8 3.7%

Glycol Ether EB
111-76-2 1.88%

Additional information: For the wording of the listed risk phrases refer to section 3.

SECTION 3 – HAZARDS IDENTIFICATION

HAZARD DESCRIPTION: Irritant. **EXTREMELY FLAMMABLE.**

PHYSICAL DANGERS: **EXTREMELY FLAMMABLE.** KEEP OUT OF THE REACH OF CHILDREN.

EYES: Irritating to eyes.

INHALATION: Vapors may cause drowsiness and dizziness.

EFFECTS OF SHORT-TERM OVEREXPOSURE: Vapors cause irritation to the eyes, nose, throat, skin, and central nervous system.

Symptoms may include dizziness, throat irritation, headache, fatigue, swelling of eyes and nausea.

EFFECTS OF CHRONIC OVEREXPOSURE: May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

NFPA RATINGS(SCALE 0-4): **HEALTH: 1** **FIRE: 4** **REACTIVITY: 3**

HMIS RATINGS(SCALE 0-4): **HEALTH: 1** **FIRE: 4** **PHYSICAL HAZARD: 3**

SECTION 4 – FIRST AID MEASURES

AFTER INHALATION: Supply fresh air. Consult doctor in case of complaints.

AFTER SKIN CONTACT: Remove contaminated clothing. Wash exposed area with soap and water.

AFTER EYE CONTACT: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

AFTER SWALLOWING: Contact physician or poison control center.

SECTION 5 – FIRE FIGHTING MEASURES

EXTINGUISHING AGENTS: CO2, sand, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
PROTECTIVE EQUIPMENT: No special measures required.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL SAFETY PRECAUTIONS: Wear protective equipment. Keep unprotected persons away.
ENVIRONMENTAL SAFETY PRECAUTIONS: Inform appropriate authorities in case of seepage into water course or sewage system. Do not allow product to reach sewage systems or ground water.
MEASURES FOR CLEANING/ COLLECTING: Do not flush with water or aqueous cleansing agents. Use diluted caustic solution. Soak up spills with inert absorbent material. Refer to section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

FIRE/EXPLOSION PROTECTION: Do not spray on a naked flame or any incandescent material. **DO NOT SMOKE.** Protect from electrostatic charges.
STORAGE REQUIREMENTS: Observe pressurized container storage regulations. Consult with your local authorities. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE:

INGREDIENT	PEL	REL	TLV
Acetone 67-64-1	2400 mg/m ³ , 1000 ppm	590 mg/m ³ , 250 ppm	Short-term value: 1782 mg/m ³ , 750 ppm Long-term value: 1188 mg/m ³ , 500 ppm BEI
n-butane 106-97-8		1900 mg/m ³ , 800 ppm	
Glycol Ether EB 111-76-2	240 mg/m ³ , 50 ppm Skin	24 mg/m ³ , 5 ppm Skin	97 mg/m ³ , 20 ppm

PROTECTIVE HYGIENIC MEASURES: Keep away from foodstuffs and animal feed. Wash hands after use.
RESPIRATORY MEASURES: Use suitable respiratory protective device in case of insufficient ventilation. A respirator is generally not necessary when using this product outdoors or in large open areas. In cases of inadequate ventilation, a respiratory protective device should be worn to prevent overexposure.
HAND PROTECTION: Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.
EYE PROTECTION: Tightly sealed goggles.

SECTION 9 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT/BOILING RANGE: -44°C (-47°F)	VAPOR PRESSURE: ~40 PSI, 2750 hPa
FLASH POINT: -19°C (-2°F)	DENSITY AT 20°C (68°F): 0.782 g/cm ³
IGNITION TEMPERATURE: 210°C (410°F)	SPECIFIC GRAVITY: 0.77 to 0.85 (Water equals 1.00)
AUTO IGNITION: Product is not self-igniting.	VOC CONTENT: 500.5 g/l / 4.18 lb/gl
DANGER OF EXPLOSION: Stable at normal temperatures. May burst when exposed to temperatures exceeding 120°F. In use, may form flammable/explosive vapor-air mixture.	VOC CONTENT (LESS EXEMPT SOLVENTS): 49.4 % MIR VALUE: 0.88
LOWER EXPLOSION LIMIT: 0.5 Vol %	SOLIDS CONTENT: 27.5 %
UPPER EXPLOSION LIMIT: 6.5 Vol %	FORM: Aerosol
	COLOR: According to trade name description in section 1.
	ODOR: Solvent

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 10 – STABILITY AND REACTIVITY

CONDITIONS TO BE AVOIDED: Do not allow the can to exceed 120°F. Stable at normal temperatures.

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.

SECTION 11 – TOXICOLOGICAL INFORMATION

PRIMARY EFFECT ON THE SKIN: No irritant effect.

PRIMARY EFFECT ON THE EYE: Irritating effect.

SENSITIZATION: No sensitizing effects known.

SECTION 12 – ECOLOGICAL INFORMATION

OTHER INFORMATION: This product does not contain any chloroflourocarbons (CFC's),chlorinated solvents, lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl (PBB), or polybrominated diphenyl ether (PDBE).
No specific ecological data is available for this product.

ACQUATIC TOXICITY: Hazardous for water, do not empty into drains.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

RECOMMENDATION: Empty cans should be recycled.

SECTION 14 – TRANSPORT INFORMATION

HAZARD CLASS: 2.1

IDENTIFICATION NUMBER: N/A

LABEL: 2.1

ADR/RID CLASS: 2 5F Gases

UN-NUMBER: 1950

IMDG CLASS: 2.1

PACKAGING GROUP: II

EMS NUMBER: F-D,S-U

MARINE POLLUTANT: No

ICAO/IATA CLASS: 2.1

PROPPER SHIPPING NAME: Aerosols, Flammable

CONSUMER COMMODITY: ORM-D

SECTION 15 – REGULATORY INFORMATION

SARA SECTION 355 (EXTREMELY HAZARDOUS SUBSTANCES): None of the ingredients in this product are listed.

SARA SECTION 313 (SPECIFIC TOXIC CHEMICAL LISTINGS): 111-76-2 Glycol Ether EB

TSCA (Toxic Substances Control Act): All ingredients are listed.

PROPOSITION 65: Chemicals known to cause cancer.
None of the ingredients in this product are listed.

CANADIAN WHMIS: Class A, B5—Flammable Aerosols

EPA:

- A:** Known human carcinogen.
- B:** Probable human carcinogen.
- C:** Possible human carcinogen.
- D:** Not classifiable as to human carcinogenicity. Inadequate human and animal evidence of carcinogenicity (or no data is available).

IARC:

- Group 2B:** The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.
- Group 3:** The ingredient is unclassifiable as to its carcinogenicity to humans.

111-76-2 Glycol Ether EB 3

ACGIH TLVS:

- A1-**designates a confirmed human carcinogen.
- A2-**designates a suspected human carcinogen.
- A3-**designates an animal carcinogen.
- A4-**designates "not classifiable as a human carcinogen."
- A1-**designates a confirmed human carcinogen.
- A2-**designates a suspected human carcinogen.
- A3-**designates an animal carcinogen.
- A4-**designates "not classifiable as a human carcinogen."

NIOSH: None of the ingredients is listed.

SECTION 16 – OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact: Regulatory Affairs