

CRC Aviation XT-2000™ Precision Cleaner

DIRECTIONS: Read entire label before using this product. 1. For personal safety, Do not apply while equipment is energized. 2. Spray until clean and allow to run off. Use extension tube for pinpoint cleaning. 3. This product is safe on most plastics but should be tested on a small area before use. 4. Use an abrasive on surfaces with heavy carbon deposits or corrosion – remove residue with intermittent spray before reactivating system. 5. Product contains a flammable component. Allow to dry thoroughly and vent before reactivation. Product may collect and pool in unseen areas.

INSTRUCCIONES: Lea la etiqueta completa antes de usar este producto. 1. Para seguridad personal, no aplicar en equipos con corriente eléctrica. 2. Pulverice hasta que el artículo esté limpio y deje secar. Utilice un tubo prolongador para limpieza detallada. 3. Este producto es seguro en la mayoría de los plásticos, pero debe ser probado en un área pequeña antes de usarlo. 4. Utilice un abrasivo en superficies con depósitos grandes de carbón o corrosión – remueva los residuos con pulverización intermitente antes de reactivar el sistema. 5. El producto contiene un componente inflamable. Deje que se seque completamente y ventilar antes de la reactivación. El producto puede juntarse y acumularse en áreas que no estén a la vista.

Danger: Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness.

Precautionary Statements: Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 49°C/120°F. Avoid breathing gas, mist or vapor. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash thoroughly after handling. Wear eye/face protection. Store locked up. Protect from sunlight. Store in a well-ventilated place. Exposure to high temperature may cause can to burst. Dispose of contents/container in accordance with local/regional/national regulations.

First Aid: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. 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 attention.

Contains Decafluoropentane (138495-42-8), 1,1,1,2-Tetrafluoroethane (811-97-2), C0z0l@ 304 (Proprietary) and Methanol (67-56-1). This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Deliberate misuse by concentrating and inhaling the contents is illegal and can be harmful or fatal. Inhalation abuse can cause death. For additional information, consult SDS for this product.

Electrical Shock Hazard: This can will conduct electricity. Do not touch can to live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from electrical shock.

Peligro: Contiene gas a presión; puede explotar si se calienta. Puede ser mortal en caso de ingestión y de penetración en las vías respiratorias. Provoca irritación ocular grave. Puede provocar somnolencia o vértigo.

Consejos de Prudencia: No perforar ni incinerar el envase. No exponer al calor ni almacenar a temperaturas superiores a 49°C/120°F. Evite la inhalación de gases, neblina o vapor. Al exponerlo al calor extremo, los vapores pueden descomponerse en gases corrosivos y tóxicos como el cloruro de hidrógeno y, posiblemente, el fosgeno. Usar con ventilación adecuada. Abra las puertas y ventanas y utilice otros medios para asegurar la provisión de aire fresco al utilizar el producto y mientras se está secando. Si presenta algunos de los síntomas enumerados en esta etiqueta, aumente la ventilación o deje el área. Lávese cuidadosamente después de la manipulación. Usese protección para los ojos/la cara. Guardar bajo llave. Proteger de la luz solar. Almacenar en un lugar bien ventilado. La exposición a altas temperaturas puede provocar que la lata estalle. Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales pertinentes.

Primeros Auxilios: En caso de ingestión: Llamar inmediatamente a un centro de toxicología o a un médico. No provoque vómitos. En caso de inhalación: Transportar la persona al aire libre y mantenerla en una posición que le facilite la respiración. Llamar a un CENTRO DE TOXICOLOGÍA o a un médico si la persona se encuentra mal. En caso de contacto con los ojos: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. Si persiste la irritación de los ojos: Busque atención médica.

Este producto contiene un componente químico que en el Estado de California se conoce como una causa de defectos de nacimiento u otros daños reproductivos. Su mal uso deliberado, concentrando e inhalando su contenido es ilegal y puede ser perjudicial o fatal. La inhalación abusiva puede causar la muerte. Para mayor información, consulte la Hoja de Datos de Seguridad para este producto. **Peligro de Descarga Eléctrica:** Este recipiente es conductor de electricidad. Mantenga la lata alejada de toda fuente eléctrica viva, incluyendo terminales de batería, solenoides, paneles eléctricos y otros componentes electrónicos. El no respetar estas advertencias puede causar heridas graves por descargas eléctricas.



VOC Category: Electronic Cleaner | VOC Limit: 75%

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800-521-3168 (Technical Information) • 800-272-4620 (Customer Service) • 215-442-6260 (SDS) Made in U.S.A. 14A CRC# 754 www.crcindustries.com



Aviation XT-2000™ Precision Cleaner Limpiador de Ventanas y Visores de Aviación

HCFC-141b Alternative
Safe On Most Plastics • Non-Flammable
Alternativa para el HCFC-141b
Seguro para la mayoría de los plásticos
No inflamable



S.D.[L.]
Safety Data Label™



DANGER: HARMFUL OR FATAL IF SWALLOWED. CAUSES EYE IRRITATION. CONTENTS UNDER PRESSURE. KEEP AWAY FROM CHILDREN. Read warnings on back panel.

PELIGRO: SU INGESTIÓN ES PERJUDICIAL O MORTAL. PROVOCA IRRITACIÓN OCULAR. CONTENIDO BAJO PRESIÓN. MANTENGA FUERA DEL ALCANCE DE LOS NIÑOS. Lea las advertencias en el dorso.



No. 10315
Net Wt./Peso Neto
12 oz. (340 g)

To review S.D.S.: Tear (DO NOT CUT) label along these perforations and fold back label. After viewing, reattach label. Do not completely remove label until can is empty. Para revisar la Hoja de Datos de Seguridad (HDS): Rasgue (NO CORTE) la etiqueta siguiendo estas perforaciones y dóblela hacia atrás. Al terminar, vuelva a pegar la etiqueta. No la retire completamente hasta que la lata esté vacía.

1. Identification

Product identifier: Aviation XT-2000™ Precision Cleaner
Product code 10315
Recommended use Electronic cleaner
Restrictions None known.
Manufactured or sold by:
CRC Industries, Inc., 885 Louis Drive, Warminster, PA 18974
Phone: 215-674-4300
Emergency phone number CHEMTREC - 24 HOURS: 800-424-9300

2. Hazard(s) identification

Physical hazards Gases under pressure (Liquefied gas)
Health hazards Serious eye damage/eye irritation (Category 2A)
Specific target organ toxicity, single exposure
(Category 3 narcotic effects)
Aspiration hazard (Category 1)

Label elements (see front side of label)

3. Composition/information on ingredients

Hazardous components	CAS number	%
Chemical name		
Decafluoropentane	138495-42-8	30 – 40
1,1,1,2-Tetrafluoroethane	811-97-2	30 – 40
COzol® 304	Proprietary	25 – 35
Methanol	67-56-1	< 0.2

(Specific chemical identity and/or percentage of composition has been withheld as a trade secret.)

4. First-aid measures

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.

Skin contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and 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.

Most important symptoms/effects Symptoms may include stinging, tearing, redness, pain, swelling, and blurred vision. Vapors have a narcotic effect and may cause headache, fatigue, drowsiness, dizziness and nausea.

Special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-fighting measures

Suitable extinguishing media Powder. Water. Water spray. Foam. Carbon dioxide (CO₂).

Unsuitable extinguishing media None known.

Specific hazards Contents under pressure. When exposed to extreme heat or hot surfaces, vapors may decompose to harmful or fatal corrosive gases such as hydrogen chloride and possibly phosgene.

Special protective equipment and precautions for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

Containment and cleaning up Eliminate all ignition sources. Keep combustibles away from spilled material. This product is miscible in water. Stop the flow of material, if this is without risk. Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Prevent entry into waterways, sewer, basements or confined areas.

7. Handling and storage

Handling Pressurized container. Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Avoid breathing gas, mist or vapor. Avoid contact with skin and eyes. Avoid contact with clothing. Use only in well-ventilated areas. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

Storage Store in a cool, dry place (below 120°F/49°C) and out of direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Store in a well-ventilated place. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
1,1,1,2-Tetrafluoroethane	TWA	1000 ppm
Isopropyl alcohol	TWA	200 ppm
Methanol	TWA	200 ppm
Methylal	TWA	1000 ppm
Trans-1,2-dichloroethylene	TWA	200 ppm

Appropriate engineering controls Mechanical ventilation or local exhaust ventilation is recommended.

Individual protection measures:

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection Wear protective gloves such as neoprene, PVA or Viton. Wear appropriate chemical resistant clothing.

Respiratory protection Wear positive pressure self-contained breathing apparatus (SCBA).

9. Physical and chemical properties

Appearance Clear, colorless liquid.

Odor threshold Not available.

Melting point/freezing point -157 °F (-105 °C)

Flash point None (Tag Closed Cup)

Explosive limit - lower (%) 2

Vapor pressure 2832 hPa

Relative density 1.38

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature 500 °F (260 °C)

Decomposition temperature Not available.

VOC (Weight %): 23.4% (2.7 lbs/gal, 323.1 g/l)

Odor Mild.

pH Not available.

Initial boiling point 107 °F (42 °C)

Evaporation rate Fast

Explosive limit - upper (%) 19.9

Vapor density > 1 (Air = 1)

Solubility(ies) Slightly soluble in water

Viscosity Not available.

10. Stability and reactivity

Reactivity Non-reactive

Chemical stability Stable

Possibility of hazardous reactions No

Conditions to avoid Heat, flames and sparks. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents. Alkali metals. Alkaline earth metals. Powdered metal. Strong bases. Strong acids.

Hazardous decomposition products Carbon oxides. Hydrofluoric acid. Hydrogen chloride. Carbonyl halides. Phosgene.

11. Toxicological information

Information on likely routes of exposure:

Ingestion May be fatal if swallowed and enters airways.

Inhalation May cause drowsiness and dizziness. Headache. Nausea, vomiting.

Skin contact Prolonged skin contact may cause temporary irritation.

Eye contact Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics Symptoms may include stinging, tearing, redness, pain, swelling, and blurred vision. Vapors have a narcotic effect and may cause headache, fatigue, drowsiness, dizziness and nausea. Skin and eye irritant.

Information on toxicological effects:

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

Respiratory sensitization Not available.

Skin sensitization Not expected to cause skin sensitization.

Carcinogenicity Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

Reproductive toxicity Not expected to cause reproductive or developmental effects.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

See full SDS for additional information

13. Disposal considerations

Disposal instructions The dispensed liquid product is not a RCRA hazardous waste. Empty container can be recycled.

Hazardous waste code Not regulated

14. Transport information

DOT shipping description: UN1950, Aerosols, non-flammable, 2.2, limited quantity

15. Regulatory information

SARA 313 None

See full SDS for additional information

16. Other information

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