

CRC CE™ Precision Cleaner

DIRECTIONS: Read entire label before using this product. 1. For personal safety, do not apply while equipment is energized. 2. For optimum results, prepare heavy carbon deposited or corroded surfaces by buffing with a mild abrasive before spraying. 3. Spray product from top to bottom using an intermittent spray pattern to dislodge trapped particles and allow excess cleaner to run off. 4. For pinpoint delivery or hard-to-reach areas, use extension tube. 5. For quicker drying, residual product can be wiped with clean cloth. 6. This product is safe on most plastics but should be tested on a small area before use.

INSTRUCCIONES: Lea la etiqueta completa antes de usar este producto. 1. Para seguridad personal, no aplicar en equipos con corriente eléctrica. 2. Para obtener resultados óptimos, prepare las superficies de carbono pesado deposita o corroído por pulir con abrasivo antes de rociar. 3. Rociar producto de arriba a abajo utilizando un patrón de rociado intermitente para desalojar las partículas atrapadas y permitir que el exceso de limpiador para funcionar fuera. 4. Para la entrega exacta o lugares de difícil acceso utilizan el tubo de extensión. 5. Para un secado más rápida, producto residual se puede limpiar con un paño limpio. 6. Este producto es seguro en la mayoría de los plásticos pero se debe probar en un área pequeña antes de su uso.

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. When exposed to extreme heat or hot surfaces, vapors may decompose

to harmful or fatal corrosive gases such as hydrogen fluoride, 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. Avoid breathing mist or vapor. Avoid breathing gas. 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) and Cōzo® 305 (Proprietary). 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. Al exponerlo al calor extremo, los vapores pueden descomponerse en gases corrosivos y tóxicos como el fluoruro de hidrógeno, 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 este secando. Si presenta algunos de los síntomas enumerados en esta etiqueta, aumente la ventilación o deje el área. Evite la inhalación de neblina o vapor. Evite la inhalación de gases. Lávese cuidadosamente después de la manipulación. Usar 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 están presentes y pueda hacerse con facilidad. Proseguir con el lavado. Si persiste la irritación de los ojos: Busque atención médica.

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.



Nonfood Compounds
Program Listed
Category Code: K2
Reg.# 138950



CE™ Precision Cleaner

Limpiador de precision CE™

Non-Flammable
Controlled Evaporation
Safe on Most Plastics

No inflamable
Evaporación controlada
Segura en la mayoría de los plásticos

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. 14035
Net Wt./Peso Neto
12 oz (340 g)

1. Identification

Product identifier: CE™ Precision Cleaner

Product code 14035

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

Chemical name	CAS number	%
Decafluoropentane	138495-42-8	40 – 50
1,1,1,2-Tetrafluoroethane	811-97-2	30 – 40
COzol® 305	Proprietary	10 – 20

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

4. First-aid measures

Inhalation Move person to fresh air and keep at rest. Call a 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.

Most important symptoms/effects May cause drowsiness, dizziness, headache, nausea and vomiting. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

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 Water spray. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media None known.

Specific hazards During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do it without risk. Containers should be cooled with water to prevent vapor pressure build up.

6. Accidental release measures

Personal precautions Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Ensure adequate ventilation. Avoid breathing gas, mist or vapor. Emergency personnel need self-contained breathing equipment.

Containment and cleaning up Eliminate all ignition sources. Keep combustibles away from spilled material. Absorb in vermiculite, dry sand, earth or other absorbent material and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Inform appropriate managerial or supervisory personnel of all environmental releases.

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 eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate protective equipment. Wash thoroughly after handling.

Storage Store in a cool, dry place (below 120°F/49°C) and out of direct sunlight. Store in a well-ventilated place away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
2,2,4-Trimethylpentane	TWA	75 ppm
Trans-1,2-dichloroethylene	TWA	200 ppm
1,1,1,2-Tetrafluoroethane	TWA	1000 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®.

Respiratory protection If needed, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies.

9. Physical and chemical properties

Appearance Clear colorless liquid.

Odor Ethereal and sweetish odor.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -112 °F (-80 °C)

Initial boiling point 120 °F (49 °C)

Flash point None (Tag Closed Cup)

Evaporation rate Slow

Explosive limit - lower (%) 0.7

Explosive limit - upper (%) 18

Vapor pressure 2837 hPa

Vapor density > 1 (Air = 1)

Relative density 1.32

Solubility(ies) Slight in water

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

Auto-ignition temperature 689 °F (365 °C)

Decomposition temperature Not available.

Viscosity Not available.

VOC (Weight %): 16.3% (1.9 lbs/gal, 222.4 g/l)

10. Stability and reactivity

Reactivity Non-reactive

Chemical stability Stable

Possibility of hazardous reactions No

Conditions to avoid Heat, flames and sparks. Sunlight. Extreme temperatures.

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

Hazardous decomposition products Hydrogen fluoride. Hydrogen chloride. Carbonyl halides. Carbon oxides. Phosgene.

11. Toxicological information

Information on likely routes of exposure:

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Inhalation Vapors may cause drowsiness and dizziness. Prolonged inhalation may be harmful.

Skin contact Prolonged skin contact may cause temporary irritation.

Eye contact Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics

Narcotic effects. Aspiration hazard. Severe eye irritation.

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 harmful if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

See full SDS for additional information

13. Disposal considerations

Disposal instructions This product is not a RCRA hazardous waste. Empty containers may 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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