

CRC Isopropyl Alcohol Precision Cleaner

DIRECTIONS: Read entire label before using this product. 1. Do not apply while equipment is energized. 2. Shut off power supply. Be sure all stored power is drained from the system and allow hot surfaces to cool before using product. 3. For optimum results, prepare heavily soiled or corroded surfaces by buffing with a mild abrasive or spray with CRC Duster™. 4. Spray 6 to 8 inches from the surface to be cleaned. 5. Use extension tube for pinpoint delivery or hard to reach areas. 6. Allow product to dry completely and thoroughly vent system before restoring power.

INSTRUCCIONES: Lea toda la etiqueta antes de usar este producto. 1. No aplique el producto mientras el equipo está conectado. 2. Corte el suministro de energía. Asegúrese de haber eliminado del sistema toda la energía almacenada y deje enfriar las superficies calientes antes de utilizar el producto. 3. Para obtener resultados óptimos, pule con un abrasivo suave las superficies que presenten una gran cantidad de suciedad o corrosión, o rocíe con el aerosol antihumedad Duster™ de CRC. 4. Rocíe entre 6 y 8 pulgadas (15 y 20 cm) de la superficie que va a limpiar. 5. Para una colocación precisa o para áreas de difícil acceso, utilice el tubo de extensión. 6. Deje secar completamente el producto y ventile bien el sistema antes de restablecer el suministro de energía.

Danger: Extremely flammable aerosol. 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: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Do not apply while equipment is energized. Pressurized container: Do not pierce or burn, even after use. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. 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 gas, mist or vapor. Wash thoroughly after handling. Wear eye/face protection. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. 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 Isopropyl alcohol (67-63-0) and 1,1-Difluoroethane (75-37-6). 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. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

Peligro: Aerosol extremadamente inflamable. 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 cutánea. Puede provocar somnolencia o vértigo.

Consejos de prudencia: Mantener lejos de calor/chispas/llamas al descubierto/superficies calientes. - No fumar. No rocíe sobre una llama abierta u otra fuente de ignición. No aplique el producto sobre un equipo conectado. Recipiente presurizado: No perforar ni quemar, aun después del uso. Apague todas las llamas, pilotos y calefactores. El vapor se acumulará rápidamente y puede inflamarse. Evite la inhalación de neblina o vapor. Evite la inhalación de gases. Utilice solo con ventilación adecuada; mantenga la ventilación durante la utilización del producto hasta que el vapor haya desaparecido. Abra las puertas y ventanas y utilice otros medios para asegurar la provisión de aire fresco al utilizar el producto y mientras se esté secando. Si presenta algunos de los síntomas enumerados en esta etiqueta, aumente la ventilación o deje el área. Lávese cuidadosamente después de la manipulación. Use guantes de protección. Almacene en lugar bien ventilado. Guardar bajo llave. Proteger de la luz solar. No exponer a temperaturas superiores a 50 °C/122 °F. 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. Si ocurre irritación de la piel: Busque atención médica. Quitar la ropa contaminada y lávela antes de volver a usarla. En el 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.

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: Esta lata conduce la electricidad. Manténgala fuera del alcance de todas las fuentes eléctricas vivas, incluso bombas de baterías, solenoides, tableros eléctricos y otros componentes electrónicos. Pasar por alto esta advertencia puede derivar en lesiones graves provocadas por fuego explosivo y/o descarga eléctrica.

VOC Category: Electronic Cleaner | VOC Limit: 75%

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800-521-3168 (Technical Information) • 800-272-4620 (Customer Care) • 215-442-6260 (SDS) www.crcindustries.com



Isopropyl Alcohol Precision Cleaner

Limpiador de Precisión Alcohol Isopropílico

Rapid Evaporation
Safe on Most Plastics

Evaporación Rápida
Seguro para la Mayoría de los Plásticos

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

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



No. 03201
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: Isopropyl Alcohol Precision Cleaner

Product code 03201

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 Flammable aerosols (Category 1)

Gases under pressure (Liquefied gas)

Health hazards Serious eye damage/eye irritation (Category 2)

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	%
Isopropyl alcohol	67-63-0	70 – 80
1,1-Difluoroethane	75-37-6	20 – 30

(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 May cause drowsiness, dizziness, headache, nausea and vomiting. Severe eye irritation. Aspiration may cause pulmonary edema and pneumonitis.

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 Alcohol resistant foam. Water fog. Carbon dioxide (CO₂). Dry chemical powder. Sand. Earth.

Unsuitable extinguishing media None known.

Specific hazards Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur.

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 Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Many gases are heavier than air and will spread along ground and collect in low or confined areas. Ventilate closed spaces before entering them. 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. Absorb in vermiculite, dry sand, earth or other absorbent material and place into containers. 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. When using, do not eat, drink or smoke. Do not get in eyes, on skin, or on clothing. Avoid breathing gas, mist or vapor. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

Storage Store in a cool, dry place (below 122°F/50°C) and out of direct sunlight. Store in a well-ventilated place. Keep away from heat, sparks and open flame. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
Isopropyl alcohol	TWA	200 ppm
1,1-Difluoroethane	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 PVA or neoprene. Wear appropriate clothing to prevent skin contact.

Respiratory protection If needed, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Wear positive pressure self-contained breathing apparatus (SCBA) in case of emergency.

9. Physical and chemical properties

Appearance Clear colorless liquid.

Odor Alcoholic.

Odor threshold Not available.

pH Not available.

Melting point/freezing point -127 °F (-89 °C)

Initial boiling point 180°F (82 °C)

Flash point 54 °F (12 °C) Tag Closed Cup

Evaporation rate Very fast

Explosive limit - lower (%) 2

Explosive limit - upper (%) 12

Vapor pressure 2057 hPa

Vapor density 2 (Air = 1)

Relative density 0.82

Solubility(ies) Miscible.

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

Auto-ignition temperature 750 °F (399 °C)

Decomposition temperature Not available.

Viscosity Not available.

VOC (Weight %): 74.3% (4.9 lbs/gal, 583.2 g/l)

10. Stability and reactivity

Reactivity Non-reactive

Chemical stability Stable

Possibility of hazardous reactions No

Conditions to avoid Heat, flames and sparks. Incompatible materials.

Incompatible materials Acids. Aldehydes. Alkalis. Amines. Chlorinated hydrocarbons.

Halogens. Strong oxidizing agents. Isocyanates. Chlorine.

Hazardous decomposition products Carbon oxides.

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 Prolonged inhalation may be harmful. May cause drowsiness, dizziness, headache, nausea and vomiting.

Skin contact Prolonged skin contact may cause temporary irritation.

Eye contact Causes serious 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 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 This material must be disposed of as hazardous waste.

Hazardous waste code D001: Waste Flammable liquid

14. Transport information

DOT shipping description: UN1950, Aerosols, flammable, 2.1, limited quantity

15. Regulatory information

SARA 313 None

See full SDS for additional information

16. Other information

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