Formula item# 1002565

Rev 17A

DIRECTIONS: ***Read entire label before using this product.*** **1. For personal safety, do not apply while equipment is energized. 2.** Spray directly on corroded fasteners. **3.** Allow oil to seep between joints and surface area. **4.** Tap joints lightly to aid process. **5.** Loosen or remove fastener. **6.** If necessary, repeat steps 2-4 until fastener breaks free. **7.** Severely frozen or welded fasteners may require the help of a power tool or nut cracker to loosen.

INSTRUCCIONES: ***Lea toda la etiqueta antes de usar este producto.*** **1. Por razones de seguridad personal, no aplique el producto mientras el equipo esté conectado. 2.** Rocíe directamente sobre piezas de sujeción que presenten corrosión. **3.** Permita que el aceite penetre entre las juntas y la superficie. **4.** Golpee ligeramente las juntas para facilitar el proceso. **5.** Afloje o quite la pieza de sujeción. **6.** Si fuera necesario, repita los pasos del 2 al 4 hasta que la pieza de sujeción se suelte. **7.** Para aflojar las piezas de sujeción que se encuentren sumamente congeladas o soldadas es posible que se requiera la ayuda de una herramienta eléctrica o un cascanueces.

Danger: Combustible liquid. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary Statements: Keep away from flames and hot surfaces-No smoking. 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. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection. Store in a well-ventilated place. Keep cool. Do not store container above 100 °F/38 °C. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire.

First Aid: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. 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 advice/attention.

Contains petroleum distillates 64742-46-7, 64742-47-8, 64742-48-9, dipropylene glycol monomethyl ether acetate 88917-22-0, dipropylene glycol monomethyl ether 29911-27-1, turpentine oil 8006-64-2, 2,6-dimethyl-4-heptanone 108-83-8, and pine oil 8002-09-3. 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 metal can will conduct electricity. Keep away from all live electrical sources. Failure to observe this warning may result in serious injury and/or flash fire.

Peligro: Líquido combustible. Puede ser mortal en caso de ingestión y de penetración en las vías respiratorias. Provoca irritación cutánea. Puede provocar una reacción cutánea alérgica. Provoca irritación ocular grave.

Consejos de prudencia: Mantener alejado de llamas y superficies calientes. - No fumar. 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 esté secando. Si presenta algunos de los síntomas enumerados en esta etiqueta, aumente la ventilación o deje el área. Evitar respirar nieblas o vapores. Lávese cuidadosamente después de la manipulación. La ropa de trabajo contaminada no debe salir del lugar de trabajo. Usar guantes/equipo de protección para los ojos/la cara. Almacenar en un lugar bien ventilado. Mantener fresco. No guarde contenedores por encima de 100 °F/38 °C. Guardar bajo llave. Eliminación de contenidos / contenedor en consonancia con los reglamentos locales / regionales / nacionales pertinentes. En caso de incendio: No utilizar agua a presión, puede extender el incendio.

Primeros Auxilios: En caso de ingestión: Llamar inmediatamente a un centro de toxicología o a un médico. NO provocar el vómito. En caso de contacto con la piel: Lavar con abundante agua. En caso de irritación cutánea o sarpullido: Consultar a un médico. Quitar la ropa contaminada y lavarla antes de volverla a usar. En caso de contacto con los ojos: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y puede hacerse con facilidad. Proseguir con el lavado. Si la irritación ocular persiste, consultar a un médico.

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 de metal puede conducir la electricidad. Manténgala alejada de todas las fuentes eléctricas vivas. El incumplimiento de esta advertencia puede resultar lesiones graves y/o incendio repentino.

©2017 CRC Industries, Inc., 885 Louis Dr., Warminster, PA 18974
800-521-3168 (Technical Information) • 800-272-4620 (Customer Care)

Made in U.S.A. 17A
www.crcindustries.com

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.
ADVERTENCIA: Cáncer y Daño Reproductivo - www.P65Warnings.ca.gov.

CRC

KNOCK'ER LOOSE®

Penetrating Solvent
Solvente Penetrante

Loosens Frozen Metal Parts
Dissolves Rust and Corrosion
Lubricates and Prevents Rust

Afloja piezas metálicas congeladas
Disuelve la oxidación y la corrosión
Lubrica y previene la oxidación

NSF
Nonfood Compounds
Program Listed: H2
Reg.# 132080

S.D.[L.]® Safety Data Label

0 78254 03024 1

For professional use only.
This product is not packaged for retail sale or household use.
Read warnings on back panel.

Sólo para uso profesional.
Este producto no está acondicionado para la venta al por menor o para uso doméstico.
Lea las advertencias en el dorso.

No. 03024
Item# 1003276

13 fl oz (384 mL)

PLEASE RECYCLE WHEN EMPTY

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: Knock'er Loose® Penetrating Solvent
Product code: No. 03024 (Item#1003276)
Recommended use Penetrant
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 liquids (Category 4)
Health hazards Skin corrosion/irritation (Category 2)
Serious eye damage/eye irritation (Category 2A)
Sensitization, skin (Category 1A)
Aspiration hazard (Category 1)
Label elements (see front side of label)

3. Composition/information on ingredients

Hazardous components

Chemical name	CAS number	%
hydrotreated middle distillates	64742-46-7	50 – 60
dipropylene glycol monomethyl ether acetate	88917-22-0	10 – 20
dipropylene glycol monopropyl ether	29911-27-1	10 – 20
turpentine oil	8006-64-2	10 – 20
2,6-dimethyl-4-heptanone	108-83-8	3 – 5
hydrotreated light distillates	64742-47-8	1 – 3
hydrotreated heavy naphtha	64742-48-9	1 – 3
pine oil	8002-09-3	1 – 3

(The exact percentage of composition is being withheld as a trade secret.)

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact Remove contaminated clothing immediately and wash skin with soap and water. If skin irritation or rash occurs: Get medical attention.
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 Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Skin irritation. May cause an allergic skin reaction, dermatitis and rash.
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 fog. Foam. Dry powder. Carbon dioxide (CO2).
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. 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.

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. Ventilate closed spaces before entering them.
Containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Absorb in vermiculite, dry sand, earth or other absorbent material (e.g. cloth, fleece) and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

7. Handling and storage

Handling Keep away from open flames, hot surfaces and sources of ignition. When using, do not smoke. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment.
Storage Store in a well-ventilated place. Store in a cool, dry place and out of direct sunlight. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
hydrotreated middle distillates	PEL	100 ppm
turpentine oil	TWA	20 ppm
2,6-dimethyl-4-heptanone	TWA	25 ppm
hydrotreated light distillates	PEL	100 ppm
hydrotreated heavy naphtha	PEL	100 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 nitrile or other synthetic rubbers. Wear appropriate chemical resistant clothing.
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 Red liquid.
Odor Pleasant pine.
Odor threshold Not available.
pH Not available.
Melting point/freezing point -121 °F (-85 °C)
Initial boiling point 311 °F (155 °C)
Flash point 147 °F (64 °C) Tag Closed Cup
Evaporation rate Moderate.
Explosive limit - lower (%) 0.7
Explosive limit - upper (%) 8.3
Vapor pressure 4.7 hPa
Vapor density > 1 (Air = 1)
Relative density 0.86
Solubility(ies) Negligible in water
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature 401 °F (205 °C)
Decomposition temperature Not available.
Viscosity Not available.
VOC (Weight %): 24% (1.7 lbs/gal, 206 g/l)

10. Stability and reactivity

Reactivity Non-reactive
Chemical stability Stable
Possibility of hazardous reactions No
Conditions to avoid Heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Incompatible materials.
Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.
Hazardous decomposition products Aldehydes. Ketones. Organic acids. 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.
Skin contact Causes skin irritation. May cause an allergic skin reaction.
Eye contact Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics Symptoms may include stinging, tearing, redness, swelling, blurred vision, allergic skin reaction, dermatitis, rash and skin/eye irritation. Aspiration may cause pulmonary edema and pneumonitis.
Information on toxicological effects:
Acute toxicity May be fatal if swallowed and enters airways. May cause an allergic skin reaction.
Respiratory sensitization Not a respiratory sensitizer.
Skin sensitization May cause an allergic skin reaction.
Carcinogenicity Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.
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 product is not a RCRA hazardous waste (See 40 CFR Part 261.20 – 261.33).
Hazardous waste code Not regulated

14. Transport information

DOT shipping description: Not regulated

15. Regulatory information

SARA 313 None
See full SDS for additional information

16. Other information

Issue date 18-AUG-17 **CRC #548A/1002565** **Version # 04**