

Safety Data Sheet

SECTION 1: Identification

1.1 GHS Product identifier

| | |
|----------------|----------------------|
| Product name | WireCutter |
| Product number | 865 |
| Brand | Crown Chemical, Inc. |

1.2 Other means of identification

WireCutter

1.3 Recommended use of the chemical and restrictions on use

Foaming Acidic Cleaner/Brightener for Wheels, Rims and Tires.

1.4 Supplier's details

| | |
|-----------|---|
| Name | Crown Chemical, Inc. |
| Address | 4701 W. 136th. St. Crestwood, Illinois 60418 U.S.A. |
| Telephone | 708-371-6990 |
| Fax | 708-371-6992 |
| email | info@crown-chem.com |

1.5 Emergency phone number

800-535-5053

SECTION 2: Hazard identification

General hazard statement

Causes severe skin burns and serious eye damage. Harmful if swallowed.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1B

2.2 GHS label elements, including precautionary statements

Pictogram



1. Exclamation mark; 2. Corrosion

Signal word

Danger

Hazard statement(s)

| | |
|------|---|
| H302 | Harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |

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Precautionary statement(s)

| | |
|----------------|---|
| P260 | Do not breathe dust/fume/gas/mist/vapors/spray. |
| P264 | Wash hands & skin thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P301+P312 | IF SWALLOWED: Call a POISON CENTER /doctor if you feel unwell. |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER/doctor for treatment advice. |
| P321 | Specific treatment (see details on label). |
| P330 | Rinse mouth. |
| P363 | Wash contaminated clothing before reuse. |
| P405 | Store locked up. |
| P501 | Dispose of contents and container in accordance with all local, state, national and international regulations. |

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Corrosive Mixture

Components

1. Ammonium bifluoride

Concentration 14 - 19 % (By Weight)
CAS no. 1341-49-7

- Acute toxicity, oral, Cat. 3
- Skin corrosion/irritation, Cat. 1B

H301 Toxic if swallowed
H314 Causes severe skin burns and eye damage
SCLs/M-factors/ATEs *

Skin Corr. 1B; H314: $C \geq 1$ %
Skin Irrit. 2; H315: $0,1 \% \leq C < 1$ %
Eye Irrit. 2; H319: $0,1 \% \leq C < 1$ %

2. Phosphoric acid 75%

Concentration 7 - 13 % (By Weight)
CAS no. 7664-38-2

- Corrosive to metals, Cat. 1
- Skin corrosion/irritation, Cat. 1B

H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage
SCLs/M-factors/ATEs

Skin Corr. 1B; H314: $C \geq 25$ %
Skin Irrit. 2; H315: $10 \% \leq C < 25$ %
Eye Irrit. 2; H319: $10 \% \leq C < 25$ %

Trade secret statement (OSHA 1910.1200(i))

The specific chemical identities and/or actual concentrations for one or more components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

| | |
|-------------------------|--|
| General advice | -Call a poison control center or doctor immediately for treatment advice. Show this safety data sheet to the doctor in attendance. |
| If inhaled | Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. |
| In case of skin contact | Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse. |
| In case of eye contact | Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor. |
| If swallowed | Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth to an unconscious person. |

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Ammonium bifluoride: Hydrogen fluoride, nitrogen oxides, ammonia

5.3 Special protective actions for fire-fighters

Avoid any skin contact. Effects of contact or inhalation may be delayed. Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, or spray. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

6.2 Environmental precautions

See Section 12 for ecological Information.

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6.3 Methods and materials for containment and cleaning up

Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Do not swallow. Do not breathe mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store locked up. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Ammonium bifluoride (CAS: 1341-49-7 EC: 215-676-4)

TWA (Inhalation): 2.5 mg/m³ (OSHA)

TLV® (Inhalation): 2.5 mg/m³ (ACGIH)

2. Phosphoric acid 75% (CAS: 7664-38-2)

PEL (Inhalation): 1 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 1 mg/m³, (ST) 3 mg/m³ (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 1 mg/m³, (ST) 3 mg/m³ (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 1 mg/m³, (ST) 3 mg/m³; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

If splashes as likely to occur: Wear tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear protective gloves. Consult manufacturer specifications for further information.

Body protection

Wear protective clothing. Clothing with full length sleeves and pants should be worn. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

No data available.

Environmental exposure controls

Do not let product enter drains.

SECTION 9: Physical and chemical properties and safety characteristics

Basic physical and chemical properties

| | |
|--|----------------------------------|
| Appearance | Purple Liquid |
| Odor | Cherry |
| Odor threshold | No data available. |
| Melting point/freezing point | No data available. |
| Boiling point or initial boiling point and boiling range | No data available. |
| Flammability | No data available. |
| Lower and upper explosion limit/flammability limit | No data available. |
| Flash point | No data available. |
| Explosive properties | No data available. |
| Auto-ignition temperature | No data available. |
| Decomposition temperature | No data available. |
| Oxidizing properties | No data available. |
| pH | <2.0 (1% solution) |
| Kinematic viscosity | No data available. |
| Solubility | (in H ₂ O, 22°C) 100% |
| Partition coefficient n-octanol/water (log value) | No data available. |
| Vapor pressure | No data available. |
| Evaporation rate | No data available. |
| Density and/or relative density | (H ₂ O =1.0) >1.0 |
| Relative vapor density | No data available. |

Further safety characteristics (supplemental)

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Ammonium bifluoride: Strong oxidizing agents

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10.6 Hazardous decomposition products

Ammonium bifluoride: Hazardous decomposition products formed under fire conditions. - Nitrogen oxides (NOx), Hydrogen fluoride
Other decomposition products - No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Skin corrosion/irritation

Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

Serious eye damage/irritation

Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Germ cell mutagenicity

No data available.

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

May be fatal if swallowed and enters airways

Additional information

Phosphoric acid 75%: man LDLo unreported 220mg/kg (220mg/kg) "Poisoning; Toxicology, Symptoms, Treatments," 2nd ed., Arena, J.M., Springfield, IL, C.C. Thomas, 1970 Vol. 2, Pg. 73, 1970.

rabbit LD50 skin 2740mg/kg (2740mg/kg) BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY)

BEHAVIORAL: EXCITEMENT BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets. Vol. 17-4/1970, rat LC50 inhalation > 850mg/m³/1H (850mg/m³) BIOFAX Industrial Bio-Test Laboratories, Inc., Data Sheets. Vol. 17-4/1970,

rat LD50 oral 1530mg/kg (1530mg/kg) BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY)

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SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

SECTION 13: Disposal considerations

Product disposal

Avoid disposal of this product. Use complete contents according to directions. Do not release contents into a municipal sewer except through normal dilution and usage. Do not release contents onto the ground or into any body of water. Dispose of empty container by offering for recycling if available, or into a landfill. Follow all applicable state and local regulations.

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SECTION 14: Transport information

DOT (US)

UN Number: NA1760

Class: 8

Packing Group: II

Proper Shipping Name: NA1760 Compounds, Cleaning Liquid, 8, PG II (Contains Phosphoric Acid and Ammonium Bifluoride)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

Ammonium bifluoride CAS number: 1341-49-7

Phosphoric acid CAS-No. 7664-38-2

Pennsylvania Right To Know Components

Ammonium bifluoride CAS number: 1341-49-7

Phosphoric acid CAS-No. 7664-38-2

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New Jersey Right To Know Components

Ammonium bifluoride CAS number: 1341-49-7

Phosphoric acid CAS-No. 7664-38-2

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

The information herein is believed to be correct, but is given without warranty or guaranty of any kind, express or implied. The hazards provided in this Safety Data Sheet apply to the product in its concentrated form, and may differ significantly after dilution.

16.1 Further information/disclaimer

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Crown Chemical, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Crown Chemical, Inc. has been advised of the possibility of such damages.