




SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	2961	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	GONE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Rust Remover	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Skin Irrit. 2 H315 Eye Irrit. 2B H320 Full text of H-phrases: See Section 16.	SIGNAL WORD: WARNING	SYMBOL:	
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HAZARD STATEMENTS:

Causes skin irritation.
Causes eye irritation.

PRECAUTIONARY STATEMENTS:

Wash thoroughly after handling.
Wear eye protection, protective gloves, protective clothing.
IF ON SKIN: Wash with plenty of soap and water
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see First aid measures on this label).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention Take off contaminated clothing and wash it before reuse.

HAZARDS NOT OTHERWISE SPECIFIED:

No additional information available.

UNKNOWN ACUTE TOXICITY (GHS US):

Not applicable.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	CONCENTRATION % by WEIGHT	CLASSIFICATION (GHS-US)
Etidronic acid	2809-21-4	4-10	Met Corr 1, H290 Eye Dam 1, H318
Sodium hydroxide, caustic soda	1310-73-2	1-5	Acute Tox 4 (dermal), H312 Skin Corr 1A, H314

4. First Aid Measures

EMERGENCY OVERVIEW

WARNING: If you feel unwell, seek medical advice (show the label where possible).

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.

SKIN: Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.

INHALATION:

Remove the victim into fresh air.

INGESTION:

Rinse mouth with water. Do NOT induce vomiting.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation: None under normal use.

Symptoms/injuries after skin contact: Causes skin irritation.

Symptoms/injuries after eye contact: Causes eye irritation.

Symptoms/injuries after ingestion: Gastrointestinal complaints. Nausea. Vomiting.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No additional information available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

All extinguishing media allowed.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Upon combustion: CO and CO₂ are formed.

SPECIFIC FIRE-FIGHTING METHODS:

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

GENERAL MEASURES:

Isolate from fire, if possible, without unnecessary risk.

For non-emergency personnel: Protective goggles. Gloves. Protective clothing. Evacuate unnecessary personnel. Avoid contact with skin, eyes, and clothing. Ventilate spillage area.

For emergency personnel: Use personal protective equipment as required. Stop leak if safe to do so. Stop release. Ventilate area.

ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Avoid release to the environment. Prevent entry to sewers and public waters. Contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

REFERENCE TO OTHER SECTIONS:

No additional information available.

7. Handling and Storage

SAFE HANDLING:

Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Obtain special instructions before use.

Hygiene measures: Wash thoroughly after handling. Remove contaminated clothes. Wash contaminated clothing before reuse.

SAFE STORAGE & INCOMPATIBILITIES:

Technical measures: Comply with applicable regulations.

Storage conditions: Keep container closed when not in use.

Storage area: Meet the legal requirements. Store in a dry area.

Special rules on packaging: Meet the legal requirements.

8. Exposure Controls / Personal Protection

sodium hydroxide, caustic soda (1310-73-2)

ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
ACGIH	Remark (ACGIH)	URT, eye, & skin irr

PERSONAL PROTECTIVE EQUIPMENT:

Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Safety glasses. Protective clothing.



9. Physical & Chemical Properties

Appearance:	Clear, colorless liquid.	Flammability(solid/gas):	No data available.
Physical State:	Liquid.	Explosion Limits:	No data available.
Odor:	Mild odor.	Explosive Properties:	No data available.
Odor Threshold:	No data available.	Oxidizing Properties:	No data available.
pH:	7.4	Vapor Pressure:	No data available.
Melting Point:	No data available.	Relative Density:	No data available.
Freezing Point:	No data available.	Solubility (water):	Soluble in water.
Log POW:	No data available.	Auto-Ignition Temperature:	No data available.
Viscosity:	No data available.	Decomposition Temperature:	No data available.
Specific Gravity:	1.07 g/ml	Relative Vapor Density @ 20°C:	No data available.
Boiling Point:	No data available.	Log KOW:	No data available.
Flash Point:	>200°F	Viscosity (kinematic):	No data available.
Relative Evap Rate (butyl acetate=1):	No data available.	Viscosity (dynamic):	No data available.
VOC Content:	0%		

10. Stability & Reactivity Information

REACTIVITY:

Upon combustion: CO and CO₂ are formed.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

Refer to Section 10 on Reactivity.

INCOMPATIBLE MATERIALS:

No additional information available.

CONDITIONS TO AVOID:

No additional information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

ACUTE TOXICITY:

Not classified.

COMPONENTS	SPECIES	TEST RESULTS
sodium hydroxide, caustic soda (1310-73-2)		
<i>Oral</i> LD50	Rat	4090 mg/kg
<i>Dermal</i> LD50	Rabbit	1350 mg/kg
ATE CLP (oral)		4090.000 mg/kg body weight
ATE CLP (dermal)		1350.000 mg/kg body weight
etidronic acid (2809-214)		
Acute		
<i>Oral</i> LD50	Rat	> 1878 mg/kg (Rat; Calculated value)
<i>Dermal</i> LD50	Rabbit	> 5000 mg/kg (Rabbit)
SKIN CORROSION/IRRITATION: Causes skin irritation. pH: 7.4		
SERIOUS EYE DAMAGE/IRRITATION: Causes eye irritation. pH: 7.4		
RESPIRATORY OR SKIN SENSITIZATION: Not classified.		
GERM CELL MUTAGENICITY: Not classified.		
CARCINOGENICITY: Not classified.		
REPRODUCTIVE TOXICITY: Not classified.		
SPECIFIC TARGET ORGAN TOXICITY (single exposure): Not classified.		
SPECIFIC TARGET ORGAN TOXICITY (repeated exposure): Not classified.		
ASPIRATION HAZARD: Not classified.		
SYMPTOMS/INJURIES AFTER INHALATION: None under normal use.		
SYMPTOMS/INJURIES AFTER SKIN CONTACT: Causes skin irritation.		
SYMPTOMS/INJURIES AFTER EYE CONTACT: Causes eye irritation.		
SYMPTOMS/INJURIES AFTER INGESTION: Gastrointestinal complaints. Nausea. Vomiting.		

12. Ecological Information

TOXICITY:

etidronic acid (2809-21-4)

LC50 fish 1 368 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri; Static system; Fresh water; Experimental value)

EC50 Daphnia 1 527 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)

Threshold limit algae 2 3.5-12, EC50; Other; 96 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value

PERSISTENCE AND DEGRADABILITY:

etidronic acid (2809-21-4)

Persistence and degradability Not readily biodegradable in water. No straightforward conclusion can be drawn based upon the available numerical values.

Chemical oxygen demand (COD) 0.00026 g O /g substance

BIOACCUMULATIVE POTENTIAL:

etidronic acid (2809-21-4)

BCF fish 1 71 (BCF)

BCF fish 2 18 (BCF)

Log Pow -0.81 (Estimated value)

Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

13. Disposal Consideration

Dispose in a safe manner in accordance with local/national regulations.

14. Transportation Information

DOT: In accordance with DOT: Not regulated for transport.

Additional information: No supplementary information available.

ADR: No additional information available.

TRANSPORT BY SEA:

No additional information available.

AIR TRANSPORT:

No additional information available.

15. Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

sodium hydroxide, caustic soda (1310-73-2):

Not listed on SARA Section 313 (Specific toxic chemical listings)

RQ (Reportable quantity, section 304 of EPA's List of Lists): 1,000 lb.

California Proposition 65:

This product does not contain a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

16. Other Information

TRAINING ADVICE:

Normal use of this product shall imply use in accordance with the instructions on the packaging.

Full text of H-phrases:

- Acute Tox. 4 (Dermal): Acute toxicity (dermal) Category 4
- Eye Dam. 1: Serious eye damage/eye irritation Category 1
- Eye Irrit. 2B: Serious eye damage/eye irritation Category 2B
- Met. Corr. 1: Corrosive to metals Category 1
- Skin Corr. 1A: Skin corrosion/irritation Category 1A
- Skin Irrit. 2: Skin corrosion/irritation Category 2
- H290: May be corrosive to metals
- H312: Harmful in contact with skin
- H314: Causes severe skin burns and eye damage
- H315: Causes skin irritation
- H318: Causes serious eye damage
- H320: Causes eye irritation

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Physical & Chemical Properties:
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NFPA health hazard: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard: 0 - Materials that will not burn.

NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.