



# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	2340	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	TOTAL CLEAN	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Disinfectant, Virucide, Antibacterial Cleaner	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Skin Corrosion/Irritation - Category 1C Eye Damage/Irritation - Category 1	<b>SIGNAL WORD:</b> DANGER	<b>SYMBOL:</b>	
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### HAZARD STATEMENTS:

Causes severe skin burns and serious eye damage.

### PRECAUTIONARY STATEMENTS:

Do not breathe mist/vapors/spray. Wash hands, face and any skin contact thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

See 4. First-Aid Measures for specific treatment.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container to an approved disposal facility.

### HAZARDS NOT OTHERWISE SPECIFIED:

Harmful if swallowed.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS/ EINES/ ELINCS	CONCENTRATION % by WEIGHT
Dialkyl dimethyl ammonium chlorides	68424-95-3/ 270-331-5	6.51
Alkyl dimethylbenzyl ammonium chlorides	68424-85-1/ 270-325-2	4.34
C12-15 Fatty alcohol ethoxylate	68131-39-5/ NLP 500-195-7	1-5
Tetrasodium EDTA	64-02-8/ 200-573-9	1-5
Ethanol	64-17-5/ 200-578-6	1-2
Other ingredients (Water)	7732-18-5	80

## 4. First Aid Measures

### EMERGENCY OVERVIEW

#### SYMPTOMS:

Burning or irritation of affected areas. Causes severe skin burns and serious eye damage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**SKIN:** Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

#### INHALATION:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth to an unconscious person. If respiratory irritation, dizziness, or unconsciousness occurs, seek immediate medical assistance.

#### INGESTION:

Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration. Probable mucosal damage may contraindicate the use of gastric lavage.

#### NOTE TO PHYSICIAN:

Treat exposed patients symptomatically.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Not applicable. Product is not a fire hazard.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

High-pressure water jet.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

None known.

### SPECIFIC FIRE-FIGHTING METHODS:

Prevent human exposure to fire, smoke, fumes, or products of combustion.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Firefighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection, and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

### ENVIRONMENTAL PRECAUTIONS AND CLEAN-UP METHODS:

Depending on the extent of release, consider the need for restriction of access to spill area. Prevent spills from entering storm sewers/drains or contact with soil. Small spills may be wiped up and rinsed with water. For larger spills, contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water. Follow good industrial hygiene practices.

## 7. Handling and Storage

### SAFE HANDLING:

Read label before use. Avoid contact with skin or eyes. Do not breathe mist/vapors. Wash hands, face, and any skin contact thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear protective gloves, protective clothing, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor.

### SAFE STORAGE & INCOMPATIBILITIES:

Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store locked up in tightly closed, original container in a cool (10° - 30°C), dry area. Incompatible with anionic detergents, inactivate material.

## 8. Exposure Controls / Personal Protection

### Components with occupational exposure limits:

Component	Reference	TWA	PEL
Ethanol	ACGIH OSHA	1000 ppm	1000 ppm

### PERSONAL PROTECTIVE EQUIPMENT:



**EYE/FACE PROTECTION:** Chemical resistant goggles or face protection.

**SKIN PROTECTION:** Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.

**RESPIRATORY PROTECTION:** Respiratory protection is not necessary under normal conditions of use.

**OTHER:** Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

### ENGINEERING CONTROLS:

Proper ventilation in accordance with good industrial hygiene should be provided.

## 9. Physical & Chemical Properties

<b>Appearance:</b>		<b>Flammability:</b>	Not applicable.
<b>Physical State:</b>	Liquid.	<b>Flammability Limits:</b>	Not applicable.
<b>Color:</b>	Green.	<b>% VOC:</b>	< 1 (Excluding exempt material)
<b>Odor:</b>	Fresh.	<b>pH (RTU):</b>	6.0-7.0
<b>Odor Threshold:</b>	No data available.	<b>Vapor Density:</b>	No data available.
<b>pH (Conc.):</b>	6.0-7.0	<b>Vapor Pressure:</b>	No data available.
<b>Freezing Point:</b>	32°F	<b>Relative Density:</b>	1.000
<b>Boiling Point/Range:</b>	212°F	<b>Solubility (water):</b>	Complete.
<b>Viscosity:</b>	Slightly viscous	<b>Auto-Ignition Temperature:</b>	Not applicable.
<b>Flash Point:</b>	> 200°F (ASTM D3278)	<b>Decomposition Temperature:</b>	No data available.
<b>Evaporation Rate:</b>	Similar to water	<b>Partition Coeff (n-octanol/water):</b>	Not applicable.

## 10. Stability & Reactivity Information

### REACTIVITY:

No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected.

### CHEMICAL STABILITY:

This product is stable at ambient temperatures and pressures.

### INCOMPATIBLE MATERIALS:

Oxidizers, anionic detergents.

### CONDITIONS TO AVOID:

Temperatures above 50°C or below 10°C.

### DECOMPOSITION PRODUCTS:

None known.

## 11. Toxicological Information

### PRIMARY ROUTE OF ENTRY:

Skin and eye contact are most likely routes of exposure. Causes severe skin burns and serious eye damage.

### ACUTE/POTENTIAL HEALTH EFFECTS:

Test	Results	Classification (A.0.4.1(c))	Basis (A.1.3.6.1)
Oral	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Dermal	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Inhalation	> 20 mg/L	Not applicable	Ingredient literature (Additive formula)
Eye Damage/Irritation	Corrosion	Category 1	Ingredient literature
Skin Damage/Irritation	Corrosion	Category 1C	Ingredient literature

### SUBCHRONIC/CHRONIC TOXICITY:

Test	Results	Classification	Basis
Skin Sensitization	Not a sensitizer	Not applicable	Ingredient literature

### CARCINOGENS:

Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA

### OTHER DATA:

No other toxicological information is available for this mixture.

## 12. Ecological Information

### ECOTOXICITY:

This material has not been tested for acute environmental effects.

### PERSISTENCE AND DEGRADABILITY:

Material is not persistent. Organic components > 1% are inherently biodegradable.

### BIOACCUMULATIVE POTENTIAL:

No evidence to suggest bioaccumulation will occur.

### MOBILITY IN SOIL:

Accidental spillage may lead to penetration of soil and groundwater.

## 13. Disposal Consideration

Do not contaminate water, food or feed by disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill. If container is one gallon or less, wrap empty container in plastic and discard in trash.

## 14. Transportation Information

**Proper Shipping Name:** UN1903 Disinfectants, liquid, corrosive, n.o.s., (Quaternary ammonium chlorides)

**RQ - Not Applicable**

**Shipping emergency phone:** 800-424-9300

**Transport hazard class:** 8

**Hazard Label:** Corrosive (When shipped as a Limited Quantity, labeling is not required.)

**Packing Group:** III

**Emergency Guide No.:** 154

**Marine Pollutant:** No

## 15. Regulatory Information

### INVENTORY STATUS:

All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia).

**FIFRA:** This product is a U.S. EPA Registered pesticide, EPA Reg. No. 1839-166-11861, and is subject to certain labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide products. The hazard information required on the pesticide label is reproduced here.

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if absorbed through skin. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. The pesticide label also includes other important information, including directions for use.

### OSHA HAZARD COMMUNICATION STANDARD:

This product meets the §1910.1200 definition of a "Hazardous Chemical".

### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 Title III (EPCRA) SECTIONS 311 & 312

**Immediate (Acute) Health Hazard** Yes

**Delayed (Chronic) Health Hazard** No

**Fire Hazard** No

**Reactive Hazard** No

**Sudden Release of Pressure Hazard** No

### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 Title III (EPCRA) SECTION 313

Chemicals marked with an asterisk in "**3. Composition/Information on Ingredients**" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.

### PENNSYLVANIA/NEW JERSEY/MASSACHUSETTS RIGHT TO KNOW

See "**3. Composition/Information on Ingredients**" for hazardous and top five ingredients over 1%.

### CALIFORNIA PROPOSITION 65:

This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

## 16. Other Information

N/A = Not Applicable; N/D = Not Determined

**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.