



COMPANY IDENTITY: COLLIER Mfg  
PRODUCT IDENTITY: 30 SECONDS DEGREASER

SDS DATE: 04/21/2016  
ORIGINAL: 02/17/2016

**SAFETY DATA SHEET:** This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements of the Global Harmonizing System. THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD) IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

PRODUCT IDENTITY: 30 SECONDS DEGREASER  
SYNONYMS: None  
PRODUCT USES: Industrial cleaner

COMPANY IDENTITY: COLLIER Mfg  
COMPANY ADDRESS: 1891 NW Commerce Ct  
COMPANY CITY: Troutdale OR 97060  
COMPANY PHONE: 1-503-669-1953  
EMERGENCY PHONES: CHEMTREC: 1-800-424-9300 (USA)  
CANUTEC: 1-613-996-6666 (CANADA)

**SECTION 2. HAZARDS IDENTIFICATION**

**WARNING!!!**

**2.1 HAZARD STATEMENTS: (CAT = Hazard Category)**

(H300s) HEALTH: Serious Eye Damage/Eye Irritation(CAT:2A)

**H318 CAUSES EYE IRRITATION.**

(H400) ENVIRONMENT: Hazardous to the aquatic environment, acute hazard(CAT:2)

**H401 TOXIC TO AQUATIC LIFE.**

(H400) ENVIRONMENT: Hazardous to the aquatic environment, long-term hazard(CAT:3)

**H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.**



**2.2 PRECAUTIONARY STATEMENTS:**

**P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal**

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: get medical attention.

P501 Dispose of contents in accordance with local/regional/federal regulations.

**2.3 HAZARDS NOT OTHERWISE CLASSIFIED: none**

**SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.**

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

MATERIAL	CAS#	WT%	GHS Classification
Ethylenediaminetetraacetic acid, tetrasodium salt (EDTA)	64-02-8	0-10	Corrosive to metals, Category 1 Acute toxicity inhalation, Category 4 Eye damage/irritation, Category 2A Specific target organ systemic toxicity - repeated exposure, inhalation, Category 2
Quaternary Amine Compounds	Confidential	0-10	Flammable liquids, Category 3 Eye damage/irritation, Category 2B Hazardous to the aquatic environment, acute hazard, Category 2 Hazardous to the aquatic environment, long-term hazard, Category 3
Ethoxylated Alcohols	Confidential	0- 5	Eye damage/irritation, Category 2A Hazardous to the aquatic environment, acute hazard, Category 2 Hazardous to the aquatic environment, long-term hazard, Category 3
Trisodium Citrate Dihydrate	6132-04-3	0-10	Not classified
Water	7732-18-5	80-90	Not classified

The specific chemical component identities and/or the exact component percentages of this material may be withheld as trade secrets. This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200 (I)(1).

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

**SECTION 4. FIRST AID MEASURES**

**4.1 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & CHRONIC:**

Possible eye irritation. See Section 11 for Symptoms/Effects (acute & chronic).

**4.2 EYE CONTACT:**

For eyes, flush with plenty of water for 15 minutes & get medical attention.

**4.3 SKIN CONTACT:**

In case of contact with skin immediately remove contaminated clothing.  
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

**4.4 INHALATION:**

Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. Get medical attention if you feel unwell.

**4.5 SWALLOWING:**

Rinse mouth. Get medical attention immediately. Do NOT give liquids to an unconscious or convulsing person.

## **SECTION 5. FIRE FIGHTING MEASURES**

### **5.1 FIRE & EXPLOSION PREVENTIVE MEASURES:**

Not combustible. Avoid excessive heat, open flames.

### **5.2 SUITABLE (& UNSUITABLE) EXTINGUISHING MEDIA:**

Use dry powder, carbon dioxide, water, foam suitable for surrounding fire.

### **5.3 SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE FIGHTERS:**

Cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without chemical-resistant suit and self-contained breathing apparatus.

### **5.4 SPECIFIC HAZARDS OF CHEMICAL & HAZARDOUS COMBUSTION PRODUCTS:**

Isolate from oxidizers, heat, & open flame. Closed containers may explode if exposed to extreme heat. Hazardous decomposition products may include carbon oxides and nitrogen oxides.

## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

### **6.1 SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:**

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. No action should be taken involving personal risk without suitable training. Keep unnecessary and unprotected personnel from entering spill area. Do not touch or walk through material. Avoid breathing vapor or mist. Provide adequate ventilation.

Proper protective equipment should be used. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area).

### **6.2 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, EMERGENCY PROCEDURES:**

Stop spill at source. Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material. Close or cap valves and/or block or plug hole in leaking container and transfer to another container. Use chemical resistant gloves and body protection specific for the material handled (see section 8). In the absence of adequate ventilation, use appropriate respirator or self-contained breathing apparatus.

### **6.3 ENVIRONMENTAL PRECAUTIONS:**

Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate emergency assistance.

### **6.4 METHODS AND MATERIAL FOR CONTAINMENT & CLEAN-UP:**

Absorb spilled liquid with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal (see Section 13 - Disposal Considerations).

## **SECTION 7. HANDLING AND STORAGE**

### **7.1 PRECAUTIONS FOR SAFE HANDLING:**

Isolate from oxidizers, heat, & open flame. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Wear goggles, face shield, gloves, apron & footwear impervious to material. Wash clothing before reuse.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:**

Isolate from strong oxidants. Do not store above 49 C/120 F.  
Keep container tightly closed & upright when not in use to prevent leakage.  
Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Material should be stored in secondary containers or in a diked area, as appropriate. Store containers away from incompatible chemicals (see Section 10, Stability and Reactivity). Post warning and "NO SMOKING" signs in storage and use areas, as appropriate. Empty containers should be handled with care. Never store food, feed, or drinking water in containers which held this product.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 EXPOSURE LIMITS:**

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
EDTA tetrasodium salt	64-02-8	-	None Known	None Known
Quaternary Amine Compound	Confidential	-	None Known	None Known
Ethoxylated Alcohols	Confidential	-	None Known	None Known

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

**8.2 APPROPRIATE ENGINEERING CONTROLS:**

RESPIRATORY EXPOSURE CONTROLS: Airborne concentrations should be kept to lowest levels possible. If vapor, dust or mist is generated and the occupational exposure limit of the product, or any component of the product is exceeded, use appropriate NIOSH or MSHA approved air purifying or air-supplied respirator authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations, after determining the airborne concentration of the contaminant.

**EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS:**

Positive pressure, full-face piece Self-Contained Breathing Apparatus; or positive pressure, full-face piece Self-Contained Breathing Apparatus with an auxiliary positive pressure Self-Contained Breathing Apparatus.

**VENTILATION:**

LOCAL EXHAUST: Necessary                      MECHANICAL (GENERAL): Necessary  
SPECIAL: None                                      OTHER: None  
Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

**8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**

**EYE PROTECTION:**

Tight-fitting safety goggles and face shield.

**HAND PROTECTION:**

Use gloves chemically resistant to this material. Consult with Chemical Safety Equipment Supplier.

**BODY PROTECTION:**

Use body protection appropriate for task. Wear cover-all, rubber aprons, or chemical protective clothing made from impervious materials when exposure to splashing may occur.

**8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT: (Continued)**

**RESPIRATORY PROTECTION:**

Avoid breathing aerosol, mist, vapor, or dust. See section 8.2.

**WORK & HYGIENIC PRACTICES:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using toilet facilities and at the end of the working period. Provide readily accessible eye wash stations & safety showers. Remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

**SECTION 9. PHYSICAL & CHEMICAL PROPERTIES**

APPEARANCE:	Liquid
ODOR:	Not Available
ODOR THRESHOLD:	Not Available
pH (Neutrality):	7-9
MELTING POINT/FREEZING POINT:	Not Available
BOILING POINT:	Not Available
FLASH POINT (TEST METHOD):	Not Applicable
EVAPORATION RATE (n-Butyl Acetate=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Not Available
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	Not Available
VAPOR DENSITY (air=1):	Not Available
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	1.054
SPECIFIC GRAVITY (Water=1):	1.054 @ 56 F
POUNDS/GALLON:	8.8 lbs/gal
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Applicable
DECOMPOSITION TEMPERATURE:	Not Available
VISCOSITY @ 20 C (ASTM D445):	Not Available

**SECTION 10. STABILITY & REACTIVITY**

**10.1 REACTIVITY & CHEMICAL STABILITY:**

Stable under normal conditions.

**10.2 POSSIBILITY OF HAZARDOUS REACTIONS & CONDITIONS TO AVOID:**

Isolate from oxidizers, heat, & open flame.

**10.3 INCOMPATIBLE MATERIALS:**

Isolate from strong oxidizers.

**10.4 HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon oxides, nitrogen oxides from burning.

**10.5 HAZARDOUS POLYMERIZATION:**

Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**11.1 ACUTE HAZARDS**

**11.1.1 SKIN CONTACT:**

May irritate skin mildly.

**11.1.2 EYE CONTACT:**

Irritation, redness, tearing, blurred vision.

**11.1.3 INHALATION:**

May irritate respiratory tract.

**11.1.4 SWALLOWING:**

May upset intestinal tract.

**11.2 SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED**

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

Pre-existing disorders of any target organs mentioned in this Document can be aggravated by over-exposure by routes of entry to components of this product. Persons with these disorders should avoid use of this product.

**11.3 CHRONIC HAZARDS**

**11.3.1 CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

**11.3.2 TARGET ORGANS:** May cause damage to target organs (eyes), based on animal data.

**11.3.3 IRRITANCY:** Irritating to contaminated tissue (eyes).

**11.3.4 SENSITIZATION:** No component is known as a sensitizer.

**11.3.5 MUTAGENICITY:** No known reports of mutagenic effects in humans.

**11.3.6 EMBRYOTOXICITY:** No known reports of embryotoxic effects in humans.

**11.3.7 TERATOGENICITY:** No known reports of teratogenic effects in humans.

**11.3.8 REPRODUCTIVE TOXICITY:** No known reports of reproductive effects in humans.

**11.4 MAMMALIAN TOXICITY INFORMATION**

No mammalian information is available on this product as a whole.

**EDTA:**

<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
EDTA 64-02-8	= 630 mg/kg (Rabbit)	No data available	= 10 mg/l Rat
Quaternary Amine Compounds	>2000 mg/kg(Rat)	>2000 mg/kg (Rat)	No data available
Ethoxylated alcohols	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	No data available

**SECTION 12. ECOLOGICAL INFORMATION**

12.1 ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

12.2 EFFECT OF MATERIAL ON PLANTS AND ANIMALS:

This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section 11 (Toxicological Information) for information.

12.3 EFFECT OF MATERIAL ON AQUATIC LIFE:

Product as a whole not tested.

Components are toxic to the aquatic environment. Do not let product enter soil, drains, ditches, or surface water.

Chemical Name	Fish, LC50	Invertebrates, EC50	Algae, EC50
EDTA 64-02-8	= 486 mg/l (96 h, bluegill sunfish)	= 625 mg/l (24 h, Daphnia magna)	=2.77 mg/l (72 h, green algae)
Quaternary Amine Compounds	= 1.9-4.9 mg/l (96 h, unspecified)	> = 2.23 mg/l (48 h, Crustacea unspecified)	> = 2.14 mg/l (72 h, algae unspecified)
Ethoxylated alcohols	=1-10 mg/l, (96 h, unspecified)	> = 1-10 mg/l (48 h, Daphnia)	> = 1-10 mg/l, 96 h, (algae, unspecified)

12.4 MOBILITY IN SOIL

No data available.

12.5 DEGRADABILITY

Completely biodegradable.

12.6 BIOACCUMULATION

No data available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste packaging should be recycled or disposed of as if product. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. **ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES.**

**SECTION 14. TRANSPORT INFORMATION**

DOT/TDG SHIP NAME: Not Regulated  
DRUM LABEL: None  
IATA / ICAO: Not Regulated  
IMO / IMDG: Not Regulated  
EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

## **SECTION 15. REGULATORY INFORMATION**

### **15.1 EPA REGULATION:**

SARA SECTION 311/312 HAZARDS: Acute health

SARA Title III Section 313 Supplier Notification

This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372.

### **15.2 STATE REGULATIONS:**

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

### **15.3 INTERNATIONAL REGULATIONS:**

All components of this product are on the TSCA Inventory.

The identified components of this product are listed on the chemical inventories of the following countries: Australia (AICS), Canada (DSL or NDSL), China (IECSC), Europe (EINECS, ELINCS), Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC), Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

### **15.4 CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

D2B: Irritating to skin / eyes.

This product was classified using the hazard criteria of the Controlled Products Regulations (CPR). This Document contains all information required by the CPR.

## **SECTION 16. OTHER INFORMATION**

### **16.1 HAZARD RATINGS:**

**HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 1, PHYSICAL HAZARD: 0**  
(Personal Protection Rating to be supplied by user based on use conditions.)

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

### **16.2 EMPLOYEE TRAINING:**

See Section 2 (Hazards Identification). Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

## **NOTICE**

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.