

## 1. IDENTIFICATION

**Product Name:** Xtreme Clean™  
**Product Numbers:** 24001, 24002, 24004, 24005, 24103  
**Synonyms:** Not applicable  
**SDS Number:** Not applicable  
**Issue Date:** 16 December 2021  
**Version Number:** AGHS7  
**Identified Uses:** Cleaner / Degreaser  
**Uses advised against:** Other uses are not recommended unless an assessment is completed, prior to commencement of that use, which demonstrates that the use will be controlled.  
**Manufacturer:** Corrosion Technologies  
2638 National Drive, Garland, TX 75041  
**Telephone:** 972-271-7361  
**Fax:** 972-278-9721  
**Email:** [info@corrosionx.com](mailto:info@corrosionx.com)  
**Website:** [www.corrosionx.com](http://www.corrosionx.com)  
**Distributor in Australia:** Applied Industrial Technologies Pty Ltd  
22 Stamford Road  
Oakleigh VIC  
Australia 3166  
PO Box 1011, Huntingdale VIC 3166  
Tel: +613 9567 8700  
AH: +61 427 740 927  
Fax: +613 9567 8733  
**Emergency Telephone:** CHEMTREC® USA (800) 424-9300  
Outside US +1 (703) 527-3887  
**Poisons Information Centre:** Australia: 13 11 26

## 2. HAZARDS IDENTIFICATION

### Hazard Classification

#### Health Hazard(s)

Skin Irritation Category 2  
Eye Irritation Category 2

#### Physical Hazard(s)

None

#### Hazard(s) not otherwise classified

None

### Labeling

#### Signal Word:

**WARNING**

#### Pictograms:

Exclamation mark



### Statements of Hazard

#### Hazard Statements

Causes skin and eye irritation

#### Precautionary Statements

Wear protective gloves and eye protection. Wash thoroughly after handling. Dispose of contents and container in accordance with applicable regulations.

If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

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 attention.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                 | CAS Number   | Percent by Wt. |
|-------------------------------|--------------|----------------|
| 2-Butoxyethanol               | 111-76-2     | 1-5*           |
| Sodium Metasilicate           | 6834-92-0    | 1-5*           |
| Ethoxylated alcohol phosphate | Trade Secret | 1-5*           |

\* Exact percentage of composition has been withheld as a trade secret

## 4. FIRST AID MEASURES

**General Advice:** Causes skin and eye irritation. May be absorbed through the skin; avoid contact. Do not swallow. Avoid breathing vapor, spray or mist. Use with adequate ventilation. Keep container closed.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

**Skin Contact:** Remove contaminated clothing. Wash with plenty of water. If skin irritation occurs: get medical attention.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention

**Ingestion:** Do not give anything by mouth to an unconscious person. Do not induce vomiting unless advised to do so by a doctor or poison control center. Rinse mouth. Call a doctor if you feel unwell.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Product does not support combustion. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Suitable:** Carbon Dioxide, Dry Chemical, and Foam

**Unsuitable:** Alcohol, Alcohol based solutions

**Fire Fighting Procedures:** As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool fire-exposed containers with water spray.

**Unusual Fire and Explosion Hazards:** Flammable hydrogen gas may be produced on contact with tin, lead and zinc.

**Hazardous Combustion/ Decomposition Products:** Oxides of carbon, phosphorous, sulfur and nitrogen.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions / Protective Equipment / Emergency Procedures:** Use caution as spills may be slippery. Ensure adequate ventilation. Use personal protective equipment.

**Methods and materials for containment and cleaning up:** Small spills of one gallon or less may be flushed with plenty of water to sanitary sewer system (If permitted by local sewer regulations). Dike and contain large spills with inert absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer liquid to plastic containers. Do not store or dispense into metal containers; especially aluminum. Use clean non-sparking tools to collect absorbed material and transfer to a properly labeled container for recovery or disposal according to local / national regulations.

## 7. HANDLING AND STORAGE

### HANDLING

**Precautions for Safe Handling:** Avoid skin and eye contact. Use with adequate ventilation. The headspace of unopened containers and empty containers may contain trace amounts of ethylene oxide. Avoid breathing vapor and mist. Follow all SDS/label precautions.

### STORAGE

**Conditions to avoid:** Store in a cool, dry, well-ventilated place in the original container. Separate from acids, reactive metals, and ammonium salts. Do not store or transfer in fiberglass, copper, brass, zinc or galvanized containers. Keep container closed when not in use. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE LIMITS

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

| Component                     | ACGIH      |              | OSHA       |              | STEL<br>ppm | STEL<br>mg/m3 |
|-------------------------------|------------|--------------|------------|--------------|-------------|---------------|
|                               | TLV<br>ppm | TLV<br>mg/m3 | PEL<br>ppm | PEL<br>mg/m3 |             |               |
| 2-Butoxyethanol               | 20 (Skin)  | Not Est.     | 50         | 240          | Not Est.    | Not Est.      |
| Sodium Metasilicate           | Not Est.   | 2**          | Not Est.   | Not Est.     | Not Est.    | Not Est.      |
| Ethoxylated alcohol phosphate | Not Est.   | Not Est.     | Not Est.   | Not Est.     | Not Est.    | Not Est.      |

\*\*Manufacturers recommended exposure limit

**Engineering Controls:** Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

### Personal Protection

**Respiratory Protection:** None required under normal use conditions. In case of insufficient ventilation, wear a suitable NIOSH approved air purifying respirator.

**Hand / Skin Protection:** Wear impermeable gloves such as neoprene or nitrile rubber gloves. Gauntlets and apron may be worn depending on the extent of exposure.

**Eye / Face Protection:** Safety glasses with side-shields.

**General Hygiene Measures:** Avoid contact. Always wash hands and face before eating, drinking or smoking. Remove and wash contaminated clothing before re-use. An eyewash station and washing facilities should be readily accessible to the area of use. See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                      |                    |                                    |                |
|--------------------------------------|--------------------|------------------------------------|----------------|
| <b>Appearance:</b>                   | Transparent        | <b>Autoignition Temperature:</b>   | Not applicable |
| <b>Physical State:</b>               | Non-viscous liquid | <b>Volatile by volume (%):</b>     | 92             |
| <b>Odor:</b>                         | Pleasant           | <b>Vapor Density (Air=1):</b>      | 1              |
| <b>Color:</b>                        | Blue               | <b>Evaporation Rate (BuAc= 1):</b> | <1             |
| <b>Viscosity, cSt @ 40°C:</b>        | Not established    | <b>Vapor Pressure, mmHg @23°C:</b> | 21.1           |
| <b>cSt @ 100°C:</b>                  | Not established    | <b>Solubility in water:</b>        | Complete       |
| <b>pH:</b>                           | 11.2-11.4          | <b>Octanol/Water Partition</b>     |                |
| <b>Boiling Point/ Range:</b>         | >200°F / 93°C      | 2-Butoxyethanol log Kow            | 0.81           |
| <b>Melting Point:</b>                | >32°F / 0°C        | <b>VOC Content (g/L) (%):</b>      | 50 (5)         |
| <b>Flash Point:</b>                  | Non-flammable      | <b>Specific Gravity @15.6°C:</b>   | 1.02           |
| <b>Method:</b>                       | Not applicable     | <b>Pour Point:</b>                 | >32°F / 0°C    |
| <b>Lower Explosive Limit, vol %:</b> | Hydrogen, 4        | <b>Non-volatile by Volume (%):</b> | 8              |
| <b>Upper Explosive Limit, vol %:</b> | Hydrogen, 75       | <b>Dielectric Strength:</b>        | Not applicable |

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at ambient temperatures.

**Conditions to Avoid:** None known

**Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Reactive metals, glass, oxidizing agents, acids. May react with ammonium salt solutions resulting in evolution of ammonia gas. Carbon monoxide gas may be produced on contact with reducing sugars.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information:** Not established

### Ingredient Information

2-Butoxyethanol: Ori-Rat LD50 - 470 mg/kg, Skn-Rbt LD50 - 220 mg/kg, Ihl-Rat LC50 - 450 ppm 4 h

Sodium metasilicate: Ori-Rat LD50 - 600 mg/kg  
Ethoxylated alcohol phosphate: Ori-Rat LD50 - 15,300 mg/kg (estimated), Skn-Rbt LD50 - 27,400 mg/kg (estimated)

#### Acute Effects

**Signs and Symptoms of Overexposure:** Skin and eye irritation, Coughing, Sneezing

**Inhalation:** Vapor and mist may cause respiratory irritation with nasal discomfort and discharge, coughing and sneezing.

**Skin Contact:** May cause redness, tearing and itching. May be absorbed through skin in harmful amounts.

**Eye Contact:** May cause tearing and redness.

**Ingestion:** May cause, nausea, vomiting and diarrhea.

**Primary Route(s) of Exposure:** Eyes, Skin, Inhalation

**Primary Route(s) of Entry:** Inhalation, Ingestion, Skin Contact

**Target Organs:** Liver, kidneys, lymphatic system, skin, blood, eyes, CNS, respiratory system

#### Chronic Effects

2-Butoxyethanol Target Organ Effects: liver, kidneys, lymphatic system, skin, blood, eyes, CNS, respiratory system

**Carcinogenicity:** 2-Butoxyethanol: ACGIH A3 IARC Group 3; Not classifiable as to its carcinogenicity to humans

**Medical Conditions Aggravated by Exposure:** May aggravate existing skin, eye and respiratory conditions including asthma and dermatitis.

## 12. ECOLOGICAL INFORMATION

**Product Data:** Not established

#### Ingredient Data

2-Butoxyethanol: Toxicity to Fish LC50 = 1490 mg/L *Lepomis macrochirus* 96 h, Water Flea EC50 1698 - 1940 mg/L 24 h *Daphnia magna*, 1000 mg/L 48 h *Daphnia magna*

Sodium metasilicate: Toxicity to Fish LC50 = 210 mg/L *Brachydanio rerio* 96 h, Water Flea EC50 216 mg/L 96 h *Daphnia magna*

**Elimination Information:** 2-Butoxyethanol: log Kow 0.81

## 13. DISPOSAL CONSIDERATIONS

**Product:** Dispose of in accordance with applicable regulations.

**Container:** Empty remaining contents. Empty containers should be taken for local recycling, recovery or waste disposal.

## 14. TRANSPORT INFORMATION

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. For transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed.

#### Australian Dangerous Goods Code (ADG) - Road/Rail

**Transport hazard class(es)** Not regulated as dangerous goods.

**Hazchem Code:** Not applicable.

#### International Air Transport Association (IATA) – Air Transport

**Transport hazard class(es)** Not regulated as dangerous goods.

#### International Maritime Dangerous Goods Code (IMDG) – Marine Transport

**Transport hazard class(es)** Not regulated as dangerous goods.

**Environmental hazards: Marine Pollutant:** No

**Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not intended to be transported in bulk.

## 15. REGULATORY INFORMATION

#### U.S. Federal Regulations

**Toxic Substances Control Act (TSCA):** All components are included on the Inventory

**Superfund Amendments and Reauthorization Act (SARA) Title III:**

| Immediate Hazard | Delayed Hazard | Fire Hazard | Pressure Hazard | Reactivity Hazard |
|------------------|----------------|-------------|-----------------|-------------------|
| X                | -              | -           | -               | -                 |

#### Safety, Health and Environmental Regulations/Legislation for the Substance or Mixture

**Substances that deplete the ozone layer** None

**Persistent Organic Pollutants:** None

#### Australia

This material is considered hazardous according to Australia Model Work Health and Safety Regulations.

This material is not regulated according to Australian Dangerous Goods Code.

**Australian Inventory of Industrial Chemicals (AICIS) Listing:** The chemical components contained within this product are listed on the Australian Inventory of Industrial Chemical and are in compliance with the requirements of the Industrial Chemicals Act 2019 as amended.

**Poison Schedule:** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

#### New Zealand

**HSNO Group Standard:** Cleaning Products (Subsidiary Hazard) Group Standard 2020 - HSR002530

**HSNO classification:** 6.3A, 6.4A

**NZIoC (New Zealand Inventory of Chemicals):** All components are listed on the NZIoC inventory or are exempt.

Considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.

Not classified as a Dangerous Good according to NZS5433:2007 Transport of Dangerous Goods on Land.

## 16. OTHER INFORMATION

**Prepared by:** Corrosion Technologies, Technical Services Department

This Safety Data Sheet has been prepared in accordance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (Safe Work Australia, December 2011)

National Fire Protection Association (704)

Xtreme Clean

16 December 2021

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Health: 1      Flammability: 0      Reactivity: 0      Other: -

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damage incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical and application of such products is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the sole responsibility of the user to comply with all applicable Federal, State and Local Laws and Regulations. Any questions with regards to information contained herein should be referred to: Corrosion Technologies (972) 271-7361.