



# MATERIAL SAFETY DATA SHEET

PRODUCT BULLETIN 03

## Chemical Product and Company Identification

Product Name: **CRUD REMOVER** PPC Catalog Number: **03**  
Manufacturers Name and Address:  
**Protective Products Corp., Box 246, Johnston, IA 50131**  
Product Use: **Cleaner/Degreaser**  
24 Hr. Emergency Telephone: **888-772-1277**  
Information Telephone: **515-986-5070**  
Issue Date: **04-01-05** Prepared by: **Dean Bibler**

## Composition/Information on Ingredients

Hazardous Components: **Sodium Hydroxide CAS #1310-73-2 <4%**  
**2-Butoxyethanol CAS #111-76-2 <11%**

## Hazardous Identification

HMIS and NFPA Hazard Ratings:

**Health - 1, Flammability - 0, Reactivity -0.**

Skin: **Can cause drying, cracking; burns with prolonged contact.**

Eyes: **Can cause irritation, redness; burns with prolonged contact.**

Ingestion: **Can cause tissue damage in mouth and throat if swallowed.**

Inhalation: **Vapor and mist can cause irritation; minor burns to nose and mucous linings.**

## First Aid Measures

Skin: **Flush with plenty of cool water; remove any affected clothing.**

Eyes: **Flush with cool water immediately for 15 minutes; rinse with boric acid solution, get medical attention.**

Ingestion: **Drink copious amounts of acidic fruit juice or milk; do not induce vomiting; get medical attention.**

Inhalation: **Move to fresh air. Treat symptomatically.**

## Fire Fighting Measures

**None. Non-flammable solution.**

## Accidental Release measures

Large Spills: **Flush affected area with water; neutralize with citric acid; flush to sewer with water.**

Small Spills: **Absorb with paper towels, newspapers, vermiculite, etc. Flush area with water; mop dry.**

## Handling and Storage

Storage: **Keep from freezing. Keep away from food products.**

Handling: **Avoid breathing mist and vapors. Use with adequate ventilation. Avoid contact with eyes, skin, clothing. Do not ingest. Wash thoroughly after handling. Rinse all bulk containers prior to disposal.**

## Exposure Controls/Personal Protection

General Use: **No specific protection required; use appropriately as per directions on label.**

Ventilation: **Local fan; good general ventilation.**

Eye Protection: **Safety glasses or goggles.**

Skin Protection: **Rubber gloves; appropriate clothing.**

Respiratory Protection: **Approved chemical mask if spraying bulk product at full strength.**

Recommended Decontamination Facilities: **Eyebath, washing facilities, safety shower.**

## Physical/Chemical Properties

Physical Form: **Yellow liquid with bland odor.**

Boiling Point: **212° F.** Freezing Point: **28° F.**

Vapor Pressure/Density: **Not Determined.** pH: **13.5.**

Solubility in Water: **100%.** Specific Gravity (water=1): **1.08.**

Evaporation Rate (butylacetate=1): **<1.**

## Stability and Reactivity

Chemical Stability: **100%.**

Hazardous Polymerization: **Will not occur.**

Hazardous Decomposition Products: **None known.**

Incompatibility: **Will attack aluminum upon prolonged contact due to alkaline nature.**

## Toxicological Information

**Non-carcinogenic, non-mutagenic, essentially non-hazardous when used as directed following cautionary information.**

## Ecological Information

**Fully biodegradable as determined by individual laboratory testing. Neutralize product waste with citric acid and dispose of in accordance with all local, state and federal regulations.**

## Disposal Considerations

**This product is not considered a hazardous waste when disposed of properly. See "Ecological Information" above.**

## Transport Information

**This product is not regulated.**

## Regulatory Information

This document has been prepared according to OSHA Standard 29 CFR 1910-1200. It is your responsibility and legal duty to make all information in this MSDS available to our employees, and to anyone who requests this information after product purchase.

TSCA: **All product components are listed on or exempted from the Toxic Substance Control Act inventory list.**

CERCLA: **None.**

SARA Title III: **None.**

CA Prop 65: **None.**

## Other Information

The information contained herein is believed to be accurate, based on current component MSDS knowledge and experience. It is provided independently of any sale of this product for purpose of hazard communication as part of PPC's product safety program. It is not intended to constitute performance information concerning this product. No responsibility is assumed that the information is sufficient or correct in all cases. No express or implied warranty of merchantability or fitness for particular purpose is made with respect to the product or the information contained herein. This information and product are provided on the condition that the user shall make determination as to the suitability for a particular purpose, and on the condition that user shall assume all risks of use thereof.



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