



Digital Design Graphics Technology  
Napa Valley College

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## Kitchen Safety Guide

The DDGT program has a small kitchen at the North end of the 3900 building. At the sink, there is a stainless steel basin for use with the 3D printers onsite. In the basin, P400SC Waterworks Cleaning Solution has been added to water to make an alkaline cleaning agent that dissolves water soluble material from the 3D Printers. Only instructors in the DDGT program should handle the chemical agent, work with the basin, or deal with the equipment in any way, shape, or form. If there are any issues, students should seek assistance from the instructors immediately and NEVER touch the equipment themselves.

The following information is from the Stratasys Safety Data Sheet from December 2015:

Product Name: P400SC Waterworks Cleaning Solution (Contains Sodium Hydroxide)

For further information, please contact [objet-info@stratasys.com](mailto:objet-info@stratasys.com)

Emergency Telephone Number: 1-952-937-3000

Classification of the Substance or Mixture:

Skin Corrosion / Irritation	Category 1 Subcategory 1A
Serious Eye Damage / Eye Irritation	Category 1

Contains: Sodium carbonate, sodium hydroxide, sodium lauryl sulfate, sodium metasilicate

## **CAUSES SEVERE SKIN BURNS AND EYE DAMAGE**

Precautionary Statements:

Wash face, hands and any exposed skin thoroughly after handling

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

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

Wash contaminated clothing before reuse

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

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

#### Description of First Aid Measure:

General advice - Immediate medical attention is required.

Eye Contact - Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.

Skin contact - Immediate medical attention is required. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Ingestion - Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Inhalation - Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

#### Notes to physician:

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal oedema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

#### Acute toxicity:

Inhalation of dust in high concentration may cause irritation of respiratory system.

Eye contact causes serious eye damage. Corrosive to the eyes and may cause severe damage including blindness.

Skin contact is corrosive. Causes severe skin burns.

Ingestion may be harmful if swallowed. Ingestion of corrosive substances can cause burns of the upper digestive and respiratory tract.



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I have received, read, and understood the contents of this safety guide and I understand the consequences of not following the instruction provided to me. I understand that I should not touch the equipment at the DDGT sink used for the 3D Printing equipment, to do so could cause permanent harm to myself or others.

Signature \_\_\_\_\_

Print Name \_\_\_\_\_

Date \_\_\_\_\_