

# Safety Data Sheet (SDS)

## Section 1: Chemical Product and Company Identification

**Cat# :** 1503, 1504, 1505, 1506

**Part Name:** Contrad 100

**Supplier: Decon Laboratories Inc.**

460 Glennie Circle King of Prussia, Pa 19406  
SDS Telephone # (610) 755-0800

### Emergency Telephone Numbers

US Chemtrec: (800) 424-9300

Canada: (703) 527-3887

**Identified uses:** Laboratory use

Email Contact: [cveloski@deconlabs.com](mailto:cveloski@deconlabs.com)

## Section 2: Hazards Identification:

### Hazard Overview

Causes skin and eye burns

### GHS Classification

Serious Eye Damage Cat 1C, Skin Corrosion Cat 1C, Eye Irritation Cat 2B

**Signal Word: DANGER**



### Hazard and Precautionary Statements

H314 Causes severe skin burns and eye damage  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P280D Wear protective gloves. Use butyl rubber gloves. Latex is not adequate  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P305B IF IN EYES: Separate eyelids with finger tips.  
P314 Get medical advice/attention if you feel unwell  
P351 Rinse cautiously with water for several minutes.

### NFPA Rating

Hazard Ratings:

These ratings are Decon Laboratories Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and list 49).

If no data is listed the information is not available

Health 3                      Flammability 0                      Reactivity 0

# Safety Data Sheet (SDS)

## Section 3: Composition/ Information on ingredients

Note: Items listed with a CASRN number have no CAS# available

| Item# | Name   | EINECS    | CAS #      | % in Product |
|-------|--|-----------|------------|--------------|
| 1     | 2-Propenoic acid, homopolymer                                    | Unknown   | 0009003014 | 0 - 5        |
| 2     | Glycine, N,N'-1,2-ethanediybis[N-(carboxymethyl)-, disodium salt | 205-358-3 | 0000139333 | 0 - 5        |
| 3     | Potassium hydroxide  | 215-181-3 | 0001310583 | 21 - 30      |
| 4     | Water  | 231-791-2 | 0007732185 | 71 - 80      |

## Section 4: First Aid Measures

Contact medical personnel if discomfort persists  
Flush eyes with flowing water for at least 15 minutes.  
Separate eyelids with finger tips.  
Wash skin with deluge of water for at least 15 minutes.

## Section 5: Fire-Fighting Measures

Flash Point, deg. F: >200

Method:

Click here to enter text.

UEL: No data

LEL: No data

Autoignition temperature, deg. F: No data

Flammability Classification: No data

Flame Propagation Rate: No data

Hazardous Combustion Products: No data

## Section 6: Accidental Release measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Absorbs liquids on absorbent material.  
Contain spilled liquids.  
Protect personnel from exposure.

## Section 7: Handling and Storage

Store at room temperature

# Safety Data Sheet (SDS)

## Section 8: Exposure Controls/ Personal Protection

### OSHA (ACGIH) Exposure Limits

|                  | IDLH: | TWA            |     | STEL |     | CEILING |     |
|------------------|-------|----------------|-----|------|-----|---------|-----|
|                  |       | ppm            | mg/ | ppm  | mg/ | ppm     | mg/ |
| CAS # 0000139333 | NE    |                |     |      |     |         |     |
| OSHA             |       | NE             | NE  | NE   | NE  | NE      | NE  |
| ACGIH            |       | NE             | NE  | NE   | NE  | NE      | NE  |
| CAS # 0001310583 | --    |                |     |      |     |         |     |
| OSHA             |       | Not classified | -   | -    | -   | -       | -   |
| ACGIH            |       | -              | -   | -    | -   | -       | 2   |
| CAS # 0007732185 | NE    |                |     |      |     |         |     |
| OSHA             |       | NE             | NE  | NE   | NE  | NE      | NE  |
| ACGIH            |       | NE             | NE  | NE   | NE  | NE      | NE  |
| CAS # 0009003014 | NE    |                |     |      |     |         |     |
| OSHA             |       | NE             | NE  | NE   | NE  | NE      | NE  |
| ACGIH            |       | NE             | NE  | NE   | NE  | NE      | NE  |

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

**Use butyl rubber gloves. Latex is not adequate  
Use chemical splash goggles and face shield.**

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

## Section 9: Physical and Chemical Properties

|                 |         |                   |         |
|-----------------|---------|-------------------|---------|
| Formula:        | No data | Vapor Pressure:   | No data |
| Formula weight: | No data | Vapor Density:    | No data |
| Boiling Point:  | 212°F   | Specific Gravity: | 1.27    |

# Safety Data Sheet (SDS)

Melting Point: 32°F

pH: >13

Solubility: Miscible

Appearance: Clear colorless liquid

## Section 10: Stability and Reactivity:

Chemical Stability: Stable

Conditions to Avoid: None

Incompatibility with other materials: Acids

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

## Section 11: Toxicological Information

Acute Data: No data

Subchronic Data: No data

## Section 12: Ecological Information

No data.

## Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

| CAS #      | Waste Code | Regulated Name |
|------------|------------|----------------|
| 0000139333 | not listed | not listed     |
| 0001310583 | not listed | not listed     |
| 0007732185 | not listed | not listed     |
| 0009003014 | not listed | not listed     |

## Section 14: Transportation Information

Proper Shipping Name: POTASSIUM HYDROXIDE,  
SOLUTION

# Safety Data Sheet (SDS)

Chemical Name:  
UN # UN1814  
Class 8  
Packing Group: II

## Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

| CAS#       | Column A | Column B |
|------------|----------|----------|
| 0000139333 | no       | no       |
| 0001310583 | no       | no       |
| 0007732185 | no       | no       |
| 0009003014 | no       | no       |

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#

CAS#

|            |            |
|------------|------------|
| 0000139333 | not listed |
| 0001310583 | not listed |
| 0007732185 | not listed |
| 0009003014 | not listed |

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

| CAS#       | Regulated Name | De minimus conc. % | Rep Thres. |
|------------|----------------|--------------------|------------|
| 0000139333 | Not Listed     | Not Listed         | Not Listed |
| 0001310583 | Not Listed     | Not Listed         | Not Listed |
| 0007732185 | Not Listed     | Not Listed         | Not Listed |
| 0009003014 | Not Listed     | Not Listed         | Not Listed |

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

# Safety Data Sheet (SDS)

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| CAS#       | Regulated Name | TPQ (pounds) | EHS RQ (pounds) |
|------------|----------------|--------------|-----------------|
| 0000139333 | Not Listed     | Not Listed   | Not Listed      |
| 0001310583 | Not Listed     | Not Listed   | Not Listed      |
| 0007732185 | Not Listed     | Not Listed   | Not Listed      |
| 0009003014 | Not Listed     | Not Listed   | Not Listed      |

## CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

| CAS#       | Regulated Name      | RQ (pounds) |
|------------|---------------------|-------------|
| 0000139333 | Not listed          | Not listed  |
| 0001310583 | Not listed          | Not listed  |
| 0001310583 | Potassium hydroxide | 1,000       |
| 0007732185 | Not listed          | Not listed  |
| 0009003014 | Not listed          | Not listed  |

## Section 16: Other Information

Date of Issue: 01/01/1998

Date of Revision: 05/08/2015

Decon Laboratories, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Decon Laboratories, Inc. makes no representations or warranties, either expressed or implied of merchantability, fitness for particular purposes with respect to the information set forth herein or to which the information refers. Accordingly, Decon Laboratories, Inc. will not be responsible for damages resulting from the use of or reliance upon this information.

**End of Safety Data Sheet**