

# One Shot Ag

Material Safety Data Sheet  
Effective Date 8/89

HMIS Ratings  
Health-1  
Flammability-0  
Reactivity-0

## SECTION 1 Hazardous Ingredients

| COMPONENT                      | CAS#       | OSHA PEL           | TWA                 | ACGIH TLV           | TWA                  | NIOSH TWA             |
|--------------------------------|------------|--------------------|---------------------|---------------------|----------------------|-----------------------|
| Portland Cement                | 65997-15-1 | 5mg/m <sup>3</sup> |                     | 10mg/m <sup>3</sup> |                      |                       |
| Silico Dioxide, Silica, Quartz | 14808-60-7 |                    | 10mg/m <sup>3</sup> |                     | 0.1mg/m <sup>3</sup> | 0.05mg/m <sup>3</sup> |

OSHA ingredient permissible exposure limit: 18mg/m<sup>3</sup>

ACGIH ingredient TLV-TWA: 30 mppcf (10mg/m<sup>3</sup>)

Total dust: 5mg/m<sup>3</sup>

The 1974 NIOSH Criteria for a recommended Standard for Occupational Exposure to Crystalline Silica should be consulted for more detailed information.

Note: The Permissible Exposure Limits (PEL) reported above are the pre-1989 limits that were reinstated by OSHA June 30, 1993 following a decision by the 11<sup>th</sup> Circuit Court of Appeals. These PEL's are now being enforced by Federal OSHA. Be aware that more restrictive exposure limits may be enforced by some states, agencies, or other authorities.

## SECTION 2 Physical Data

|                      |                         |                         |
|----------------------|-------------------------|-------------------------|
| pH                   | 1% solution (approx.)   | 12.0                    |
| Flash point          | >200°F                  | Seta cc                 |
| Vapor Pressure       | NA                      |                         |
| Viscosity            | NA                      |                         |
| Evaporation rate     | <1 (ether=1)            |                         |
| Physical State       | Gray, dry powder        |                         |
| Odor                 | Mild                    |                         |
| Sp. Gr.              | Bulk density (ambient)= | 100lbs./ft <sup>3</sup> |
| % solubility (water) | 1% (leaves sediment)    |                         |

## SECTION 3 Reactivity Data

Stable. Thermal decomposition yields oxides of Ca, S, N, Na, K and Halogens if present.

## SECTION 4 Health Hazard Effects

|                     |  |
|---------------------|--|
| Skin Effects        | May cause skin irritation after contact. Hypersensitive individuals may develop an allergic dermatitis.  |
| Eye Effects         | Severely damaging to the eyes.   |
| Respiratory Effects | May cause minor irritation to upper respiratory tract.   |
| Inhalation          | Breathing silica dust may not cause noticeable injury or illness even though Permanent lung damage may be occurring. Inhalation of dust may have serious Chronic health effects including Silicosis, Cancer, Scleroderma, Tuberculosis and Nephrotoxicity. |

# One Shot Ag

## SECTION 5 First Aid Instructions

|                     |  |
|---------------------|--|
| Skin Contact        | Remove contaminated clothing. Wash exposed area with a large quantity of soap solution or water for at least 15 minutes. |
| Eye Contact         | Immediately flush with water for at least 15 minutes. Contact a physician immediately for additional treatment.          |
| Inhalation Exposure | Remove victim from contaminated area to fresh air. Apply appropriate first aid treatment as necessary.                   |
| Ingestion           | Do not feed anything by mouth to unconscious or convulsive victim.   |

## SECTION 6 Spill, Disposal and Fire Instructions

|                                 |  |
|---------------------------------|--|
| Spill Instructions              | Use dry clean up method that do not dispense dust into the air. Avoid breathing the dust.  |
| Disposal Instructions           | Material can be returned to container for later use or disposed of as common waste.  |
| Fire Extinguishing Instructions | Material will not contribute to combustion. Foam or water may create a slippery condition. Contact with water may cause eventual reaction to form a hard, inert solid. |

## SECTION 7 Special Protective Equipment

|                                    |  |
|------------------------------------|--|
| Ventilation Equipment Recommended  | Adequate ventilation. If ventilation is inadequate or significant product exposure is likely, use a respirator with dust/mist/fume cartridges. |
| Respiratory Protection Recommended | Rubber gloves and full coveralls   |
| Skin Protection Recommended        | Splash proof chemical goggles.   |
| Eye Protection                     |  |

## SECTION 8 Storage and Handling Precautions

|                       |                            |
|-----------------------|----------------------------|
| Storage Instructions  | Keep in a dry environment. |
| Handling Instructions | Normal chemical handling.  |

## SECTION 9 Federal Regulations

FIFRA (40 CFR) –EPA Reg. No. Not applicable.  
OSHA (29 CFR Sec. 1910) – Safety and Health Standards-See Section 1.  
FDA (21 CFR) Ingredients authorized under – None.

---

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE.  
HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA  
OR RESULTS TO BE OBTAINED FROM THE USE THEREOF.  
CONPROCO ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES,  
SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.

**conproco**<sup>®</sup>  
CORPORATION

17 PRODUCTION DRIVE, DOVER, NEW HAMPSHIRE 03820  
TELEPHONE 800.258.3500 FAX 603.743.5744 WEB ADDRESS [www.conproco.com](http://www.conproco.com)