

# Material Safety Data Sheet

## 1. CHEMICAL PRODUCT IDENTIFICATION

**DirtGlue** Polymer Emulsion™

PRODUCT NAME: DirtGlue® polymer emulsion  
MSDS NUMBER: DGp014-10  
EFFECTIVE DATE: November 1, 2010  
TRADE NAME: DirtGlue® polymer  
CHEMICAL NAME: Aqueous Acrylate Polymer Emulsion

## 2. COMPOSITION

Aqueous Acrylate Polymer; CAS REG No: Non-Hazardous, % WT: >45.  
Water; CAS REG No: 7732-18-5, % WT: < 52.  
Aqueous ammonia CAS REG No: 1336-21-6, % WT: < 01.  
Additive (proprietary) CAS REG No: Non-Hazardous, %WT: < 03.

FORMULA: Aqueous Acrylate based Polymer Emulsion.

## 3. HAZARD IDENTIFICATION

Non-Hazardous.

## 4. FIRST AID

Eyes: flush with water  
Skin: flush with water,  
Inhaled: breathe fresh air,  
Ingested: drink water, call physician, do not induce vomiting.

## 5. FIRE SAFETY MEASURES

Non-combustible  
Non-explosive



## 6. ACCIDENTAL RELEASE

Contain spill, absorb with sand, clay, etc. Dispose of in accordance with local disposal regulations for non-hazardous material. Floor may be slippery.

## 7. HANDLING & STORAGE

Keep covered, sealed, store in cool dry location, avoid freezing.

## 8. EXPOSURE CONTROL & PERSONAL PROTECTION

Respiratory; none required with adequate ventilation.  
Eyes; goggles for possible splash  
Skin; impervious gloves.

Storage and handling facilities should have water available for washing of skin and flushing eyes if necessary due to exposure or splash.

## 9. PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT: 212 F or 100 C.  
VAPOR PRESSURE: 17mm Hg @ 20C.  
SPECIFIC GRAVITY: 1.01-1.18  
DILUTABILITY: Miscible in water  
pH: 7 - 9  
APPEARANCE: Watery whitish liquid.

## 10. STABILITY & REACTIVITY

Stable, non-reactive, non-corrosive, non-oxidizer, non-hazardous.

## 11. TOXICOLOGICAL INFORMATION & EFFECTS OF OVEREXPOSURE

Non-diluted: eye irritant, may cause slight skin irritation.  
Extreme inhalation may cause nausea or vomiting.

## 12. ECOLOGICAL INFORMATION

*Oncorhynchus mykiss* (rainbow trout) 44 days post hatch; 32 days post swim-up.  
The 7 day LC50 (survival) and EC50 (growth) for rainbow trout exposed to the polymer were both >1,000 mg/L. The 7 day no observed effect concentration (NOEC) for survival was 1,000 mg/L.

*Ceriodaphnia dubia* (daphnia) 18 days old. The 7 day EC50 (immobility) and EC50 (reproduction) for daphnia exposed to the polymer were both >1,000 mg/L. The 7 day no observed effect concentration (NOEC) for immobility and reproduction was 1,000 mg/L.

## 13. DISPOSAL

Absorb spills with sand or clay. Dispose of waste as per local regulations for non-hazardous material.

## 14. TRANSPORT INFORMATION

D.O.T. HAZARD CLASSIFICATION: None, Non-regulated.

## 15. REGULATIONS

HAZARDOUS SUBSTANCE PER 40CFR 116: None.

D.O.T. PLACARDS: None required.

POISON CONSTITUENT PER 40CFR 173: None.

UN/NA CODE: Not applicable.

REPORTABLE QUANTITY: Not applicable.

OSHA HAZARD CLASS: Non OSHA hazardous per 29CFR 1910.

EPA SARA TITLE III: None.

NON RESTRICTED FOR INTERNATIONAL ROAD, AIR, SEA TRANSPORT (NO IATA#)

## 16. OTHER INFORMATION

<u>Hazard Rating Scale</u> 0 = insignificant, 1 = slight, 2 = moderate, 3 = high, 4 = extreme
--

HMIS HAZARD RATINGS: Reactivity = 0, Flammability = 1, Health = 1

This data is provided for informational purposes only. GeoCHEM, Inc. makes no warranties as to the suitability or the fitness for a specific use or merchantability of products referred to, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability from resulting loss or damage. This information is subject to change without notice.

Exclusive DirtGlue® Distributor for AK, WA State & Oregon  
Additional Territories: ID, MT, & ND  
Phone: (907) 562-5755 ~ Toll Free: (800) 490.5320  
Washington State Sales: 206.774.8777

