

**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

**AllDown® Concentrate (EPA Reg. No. 84069-1)**

**EMERGENCY ASSISTANCE:** For emergency assistance involving AllDown® Concentrate, please call SummerSet® at (952) 556-0075. For product and sales information contact BioLynceus at 970 586 3391 or 970 480 7404, or [www.BioLynceus.com](http://www.BioLynceus.com). Buyer & User assume all risk & liability of storage, handling, & use of this product not in accordance with the terms of the product label.

**PRODUCT IDENTIFICATION**

Product Name: AllDown® Concentrate  
Common Names/Synonyms: AllDown

**HAZARDOUS INGREDIENTS / IDENTITY**

Acetic Acid, Citric Acid, Allium Sativum extract (garlic juice)

**PHYSICAL & CHEMICAL CHARACTERISTICS**

Boiling Point, degrees F: 242°@ 1 AMT  
Specific Gravity (H<sub>2</sub>O=1): 1.09  
Evaporation Rate (Butyl Acetate-1): Same as water  
Solubility in Water: Infinite  
Vapor Pressure: 11.4    Vapor Density (air=1): 2.1  
Appearance and odor: Transparent liquid with yellowish tint.  
Strong vinegar odor.  
Melting Point: N/A        Avg. pH: 2.29

**FIRE & EXPLOSION DATA**

Flash Point: N/A    LEL: N/A    UEL: N/A  
Flammable Limits: Material will not burn.  
Special fire procedures: None  
Extinguisher media: Will not burn.  
Usual fire and explosion hazards: Toxic gases & vapors could be released in a fire involving Acetic Acid.

**PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability: Stable  
Incompatibility (materials to avoid): Contact with strong oxidizers may cause fires & will react with strong caustics to cause violent spattering & heat. Avoid contact with reactive metals (ie-iron, zinc, aluminum, metallic nitrates & strong oxidizers).  
Hazardous decomposition: May produce carbon monoxide (CO) and/or carbon dioxide (CO<sup>2</sup>).  
Hazardous polymerization: Will not occur.

**CONTROL MEASURES**

Ventilation: Local exhaust: N/A  
Mechanical (general): N/A  
Work/Hygiene Practices: Wash thoroughly after handling and applying.

**HEALTH HAZARDS**

Acute & Chronic: Dilute solution may cause dermatitis in some sensitive individuals. If in Eyes, may cause severe burns & permanent corneal injury that may be followed by blindness. If Ingested, may cause pain, irritation & burns in mouth, gullet, esophagus or stomach. Inhalation of mist may cause minor respiratory irritation.

Signs & symptoms of exposure: Irritation and/or dermatitis

Medical conditions generally aggravated by exposure: None        Carcinogenicity: None Known

National toxicology program: No  
I.A.R.C. Monographs?: No    OSHA Regulated?: No

**EMERGENCY & FIRST AID PROCEDURES**

Routes of entry:

Inhalation: Yes    Skin: Yes    Ingestion: Yes  
Eyes or Skin: flush with water for at least 15 minutes.  
If vapors are inhaled extensively, remove to fresh air immediately.  
Ingestion: If swallowed, consume water to dilute. Do not induce vomiting. Do not give emetics or baking soda. If symptoms persist, call a physician.

**SPECIAL PRECAUTIONS & SPILL/LEAK PROCEDURES**

Precautions for handling & storage: Store in a cool dry place. Do not allow product to freeze.  
Other precautions: wash thoroughly after handling & applying.  
Steps for released or spilled: Wash area with water & sweep away. Product is biodegradable.  
Waste disposal methods: Place in containers & take to waste disposal center..

**SPECIAL PROTECTION INFORMATION:**

Respiratory protection: None required.  
Protective Gloves: Rubber or neoprene recommended.  
Eye Protection: Safety glasses recommended.  
Other protective clothing or equipment: Long sleeve shirts & long pants & high top shoes. Eye wash station.