



# SDS

## SAFETY DATA SHEET

Date prepared: February 24, 2014

Revision:  
Supersedes:

### 1. Product and Company Identification

Company  
HD Chem  
707 W. 16th St.  
Long Beach, CA 90813  
(888) 443-2436  
*PRODUCT NAME:* DFE All Purpose Cleaner  
*CHEMICAL NAME:* WATER - SURFACTANT BLEND

24 Hour Emergency Information  
(888) 443-2436

*PRODUCT CODE:* C-GA01

### 2. Hazards Identification

*Emergency overview:* Warning. Can cause irritation to eyes, skin and throat.

#### ***SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)***

*EYE CONTACT* : Causes irritation, redness, tearing.

*INHALATION* : Excessive inhalation of vapor can cause headache and nausea.

*INGESTION* : Can cause nausea, vomiting and gastrointestinal upset.

*SKIN CONTACT* : Irritation to sensitive skin upon prolonged contact.

### 3. Composition/ Information on Ingredients

Substances listed in this section are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in OSHA Hazard Communication Standard.

MATERIAL	CAS#	% BY WEIGHT
SODIUM HYDROXIDE 50%	1310-73-2	< 3%
BENZENE SULFONIC ACID	68584-22-5	< 9%

### 4. First Aid Measures

*EYES:* Immediately flush eyes with a directed stream of water for at least 15 minutes. Hold eyelids apart to ensure complete irrigation of all eye and lid tissues. Get medical attention immediately.

*INGESTION:* If swallowed, DO NOT induce vomiting. If victim is fully conscious, give large quantities of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

*SKIN CONTACT:* Immediately flush skin with plenty of clean running water, while removing contaminated clothing and shoes. If skin burn or irritation occurs, get medical attention.

*INHALATION:* Remove to fresh air. If breathing is difficult, oxygen should be administered by qualified personnel.

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## 5. Fire Fighting Measures

*FIRE FIGHTING METHOD:* Move container from fire area if it can be done without risk. Cool containers with water. Avoid contact with skin and wear NIOSH approved breathing apparatus.

*EXTINGUISHING MEDIA:* Use extinguishing agents appropriate for surrounding fire.

*UNUSUAL FIRE OR EXPLOSIVE HAZARD:* None known.

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## 6. Accidental Release Measures

*PERSONAL PRECAUTIONS:* Isolate area. Keep unnecessary personnel away.

*ENVIRONMENTAL PRECAUTIONS:* Keep out of sewers, storm drains, and waterways.

*CLEAN-UP PROCEDURES:* Contain spill with inert material such as sawdust, then transfer to sealable containers for disposal. Flush contaminated areas with water.

*RECOMMENDED WASTE DISPOSAL METHOD:* Dispose of in accordance with all applicable federal, state and local regulations.

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## 7. Handling and Storage

*HYGIENIC PRACTICES IN HANDLING AND STORING:* Wash hands thoroughly after handling.

*PRECAUTION TO BE TAKEN IN HANDLING AND STORING:* Store in cool, dry, ventilated areas.

*DISPOSAL OF EMPTY CONTAINER:* Empty containers should be triple rinsed with water and disposed of pursuant to Local, State and Federal requirements.

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## 8. Exposure Controls / Personal Protection

*RESPIRATORY PROTECTION :* Not normally required. NIOSH approved dust mask or respirator if airborne exposure is excessive.

*EYE PROTECTION :* Safety Goggles.

*PROTECTIVE CLOTHING :* Rubber gloves, boots and full length clothing.

*VENTILATION :* Local exhaust

*OTHER PROTECTIVE MEASURES:* Eyewash fountain and safety shower should be nearby and ready for use.

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## 9. Physical and Chemical Properties

*BOILING POINT:* >200<sup>0</sup>F

*FREEZING/MELTING POINT:* Unknown

*VAPOR PRESSURE: (AIR=1):* >1

*EVAPORATION RATE (WATER =1):* >1

*PH CONCENTRATE:* 10.7 +/- 0.5

*SPECIFIC GRAVITY:* 1.025 +/-0.2.

*SOLUBILITY IN WATER:* Complete

*FLASH POINT:* Non-combustible *METHOD USED:* Koehler CC

*VAPOR DENSITY:* Unknown

*VISCOSITY:* 25 cps @ 68°F

*DESCRIPTION:* Clear solution, solvent odor

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## 10. Stability and Reactivity

*STABILITY:* Stable

*INCOMPATIBILITY (MATERIALS TO AVOID):* None known

*HAZARDOUS POLYMERIZATION:* Will not occur

*CONDITIONS TO AVOID:* None currently known.

*HAZARDOUS DECOMPOSITION:* None known.

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### **11. Toxicological Information**

*ROUTES OF ENTRY:* Absorbed through skin. Inhalation. Ingestion.

*CARCINOGEN:* There is no evidence this product poses a carcinogenic risk under normal conditions of handling or use.

*ACUTE EYE IRRITATION:* Unknown

*ACUTE SKIN IRRITATION:* Unknown

*ACUTE DERMAL TOXICITY:* Unknown

*ACUTE RESPIRATORY IRRITATION:* Unknown

*ACUTE INHALATION TOXICITY:* Unknown

*ACUTE ORAL TOXICITY:* Unknown

*CHRONIC TOXICITY:* Unknown

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### **12. Ecological Information**

*ECO-TOXICOLOGICAL INFORMATION:* Unknown

*CHEMICAL FATE INFORMATION:* Unknown

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### **13. Disposal Considerations**

**Waste disposal substance:**

Do not discharge product into sewer system, storm drains or waterways. Dispose of in accordance with all applicable Federal, State and Local regulations.

**Container disposal:**

Empty containers should be tripled rinsed with water and disposed of pursuant to Local, State, and Federal requirements.

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### **14. Transport Information**

*Not considered hazardous by US DOT*

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### **15. Regulatory Information**

**Federal Regulations:** None Known

**State Regulations:** California Proposition 65- This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

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### **16. Other Information**

*THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.*