



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

24 Hour Emergency Information
(888) 443-2436

PRODUCT NAME: DFE Glass Cleaner Concentrate
CHEMICAL NAME: SOLVENT - SURFACTANT BLEND

PRODUCT CODE: C-GG01

2. Hazards Identification

Emergency overview: DANGER. Flammable liquid and vapor. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire.

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

EYE CONTACT : Irritating to eyes causes redness and tearing.

INHALATION : Vapor may cause drowsiness and dizziness

INGESTION : Causes nausea, vomiting and gastrointestinal upset.

SKIN CONTACT : Repeated exposure may cause skin dryness or cracking.



3. Composition/ Information on Ingredients

MATERIAL (BASED ON 100% FORMULA LEVEL)	CAS#	% BY WEIGHT
ISOPROPYL ALCOHOL	67-63-0	< 7 %

4. First Aid Measures

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

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. Get medical attention if irritation persists.

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

5. Fire Fighting Measures

FIRE FIGHTING METHOD: DO NOT direct a solid stream of water or foam into hot burning pools of liquid, since this may cause frothing and increase fire intensity.

EXTINGUISHING MEDIA: Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide may be used for small fires only.

UNUSUAL FIRE OR EXPLOSIVE HAZARD: None known.

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: Ventilate area or leak or spill. Remove all sources of ignition. Contain spill with inert material such as vermiculite, dry sand, earth, 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.

7. Handling and Storage

HYGIENIC PRACTICES IN HANDLING AND STORING: Wash thoroughly after handling. Avoid body contact.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: Store in original container at cool, dry, well ventilated areas. Avoid any contamination to food lines. Away from strong bases.

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

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

9. Physical and Chemical Properties

BOILING POINT: Unknown

FREEZING/MELTING POINT: Unknown

VAPOR PRESSURE (AIR=1): >1

EVAPORATION RATE (WATER =1): >1

PH CONCENTRATE: 10.8.0 +/- 0.5

SPECIFIC GRAVITY: 1.015 +/-0.2

SOLUBILITY IN WATER: Complete

FLASH POINT: >120 °F *METHOD USED*: Koehler CC

VAPOR DENSITY: Unknown

VISCOSITY: Water thin

DESCRIPTION: Clear blue solution with IPA odor

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.

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

12. Ecological Information

Eco-toxicological Information: Unknown

Chemical Fate Information: Unknown

13. Disposal Considerations

Recommended Waste disposal method:

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.

14. Transport Information

ID NUMBER: UN 1219

PROPER SHIPPING NAME: Isopropyl Alcohol Solution

HAZARD CLASS: 3 Flammable liquid

PACKING GROUP: II

SPECIAL PROVISIONS FOR TRANSPORT: Not available.

15. Regulatory Information

Federal Regulations: None Known

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

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.