

Hardy Diagnostics

Safety Data Sheet

1. Product And Company Identification

1.1. Product identifiers

Product Name: **Alpet D2**

Other Common Names: None

Catalog Number: SS10002

1.2. Recommended use

Rapid kill, no-rinse, highly evaporative surface sanitizer/disinfectant spray approved for food contact surfaces.

1.3. Details of the supplier of this Safety Data Sheet

Company: Hardy Diagnostics
 1430 West McCoy Lane
 Santa Maria, CA 93455

Telephone: (805) 346-2766

(800) 266-2222

Emergency Phone: (800) 424-9300 ChemTrec (24hr service)

2. Hazards Identification

2.1. Classification of substance or mixture


GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)

Flammable Liquids (Category 2) H225

Eye Irritation (Category 2A), H319

Specific Target Organ Toxicity – Single Exposure, Central Nervous System (Category 3), H336

2.2. GHS Label elements, including precautionary statements

| | |
|----------------------------------|---|
| Pictogram: |  |
| Signal Word: | Danger |
| Hazard Statements: | |
| H225 | Highly Flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| Precautionary Statements: | |
| P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking. |
| P233 | Keep container tightly closed. |
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |

| | |
|----------------|---|
| P264 | Wash skin thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/eye protection/face protection. |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P340+P312 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P370+P378 | In case of fire: Use dry sand, CO ₂ , dry chemical, or alcohol-resistant foam for extinction. |
| P403+P233+P235 | Store in a well-ventilated place. Keep container tightly closed. Keep cool. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to approved waste disposal plant. |

2.3. Hazards not otherwise classified or not covered by GHS

May form explosive peroxides

3. Composition/Information on Ingredients

3.1. Mixtures

Hazardous components:

| Substance: | Concentration: | Hazard Information: |
|--|----------------|--|
| Isopropyl Alcohol (CAS No. 67-63-0) | 55-75% | Flammable Liquids 2, Eye Irritation 2A, Single Target Organ Toxicity 3 |

4. First Aid Measures

4.1. Description of first aid measures

| | |
|----------------------|--|
| Inhalation: | If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately seek medical attention. |
| Ingestion: | Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice. |
| Skin Contact: | Immediately wash thoroughly with soap and water. If irritation persists, consult a physician. Avoid touching contaminated clothing. |
| Eye Contact: | Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. If irritation persists, consult a physician. |

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. Firefighting Measures

5.1. Extinguishing media

Dry sand, carbon dioxide, dry chemical powder, or appropriate alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

Flammable. Vapors may travel to source of ignition and flash back. Hazardous combustion products: Carbon Monoxide, Carbon Dioxide.

Sensitivity to static discharge: May be ignited by friction, heat, sparks, or flames.

5.3. Advice for firefighters

In the event of a fire, wear protective clothing and NIOSH-approved breathing apparatus necessary to prevent any possible irritation. Cool containers with flooding quantities of water until well after fire is out.

5.4. Further information

No data available.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment: chemical resistant gloves. Keep unprotected persons away.

Environmental precautions

Prevent entry into waterways, sewers, basements, or confined areas. See section 12 for additional ecological information.

6.2. Methods and materials for containment and cleaning up

Containment Prevent further leakage or spillage if it is safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.

6.3. Reference to other sections

For disposal, see section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Wear appropriate personal protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool, dry place in accordance with specified storage conditions.

7.3. Specific end uses

Apart from uses mentioned in section 1.2, not other specific uses are stipulated.

8. Exposure Controls/Personal Protection

8.1. Control parameters

No data available.

8.2. Appropriate engineering controls

Safety shower, eye bath, ventilation system.

8.3. Personal protective equipment

| | |
|-------------------------|---|
| Eye/Face: | Wear safety glasses with side shields (or goggles). |
| Skin: | Wear protective Neoprene™ gloves. Rubber gloves. Normal work clothing (long sleeved shirt and long pants is recommended). Apron is recommended. |
| Respiratory: | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| Thermal Hazards: | Flammable. Vapors may travel to source of ignition and flash back. Hazardous combustion products: Carbon Monoxide, Carbon Dioxide. |

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Appearance: | Physical State: Liquid Color: Clear |
| Odor: | Alcohol smell |
| Odor Threshold: | Not Determined |
| pH: | 5.0-7.0 |
| Melting/Freezing Point: | Not Determined |
| Boiling Point: | 180°F |
| Flash Point: | 21.49 °C / 70.68°F |
| Evaporation Rate: | Not Determined |
| Flammability: | Flammability Limit in Air Upper flammability limit: 12.7% Lower flammability limit: 2.0% |
| Explosion Limits: | Not Determined |
| Vapor Pressure: | Not Determined |
| Vapor Density: | Not Determined |
| Relative Density: | Not Determined |
| Water Solubility: | Soluble |
| Partition coefficient (n-octanol/water): | Not Determined |
| Auto-ignition Temperature: | Not Determined |
| Decomposition Temperature: | Not Determined |
| Viscosity: | Not Determined |
| Explosive Properties: | Not Determined |
| Oxidizing Properties: | Not Determined |

9.2. Other safety information

No data available.

10. Stability and Reactivity

| | |
|---|-------------------------|
| Reactivity | No data available. |
| Chemical stability | This product is stable. |
| Possibility of hazardous reactions | No data available. |

| | |
|---|---|
| Conditions to avoid | Heat, flames and sparks, extreme temperature conditions |
| Incompatible materials | Heat, sparks, open flame, other ignition sources. |
| Hazardous decomposition products | Carbon monoxide. Carbon dioxide (CO ₂). Nitrogen. |

11. Toxicological Information

11.1. Information on toxicological effects

| | |
|---|---|
| Acute toxicity | No data available |
| Skin corrosion/irritation | No irritant under normal use. |
| Serious eye damage/eye irritation | Irritating to eyes. |
| Respiratory or skin sensitization | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity | No data available |
| Reproductive toxicity | No data available |
| Specific target organ toxicity – single exposure | No data available |
| Specific target organ toxicity – repeated exposure | No data available |
| Aspiration Hazard | No data available |
| Additional information | <0.5% of the mixture consists of direct food additives and 150 ppm of material of unknown toxicity. |

12. Ecological Information

| | |
|---|---|
| Toxicity | <0.5% of the mixture consists of components(s) of unknown hazards to the aquatic environment. |
| Persistence and degradability | No data available |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| Results of PBT and vPvB assessment | No data available |
| Other adverse effects | No data available |

13. Disposal Considerations

13.1. Waste disposal

Dispose of in accordance with applicable state and federal regulations.

Disposal must be in accordance with regulations 40 CFR 261.

California Hazardous Waste Status: Toxic, Ignitable

14. Transport Information

| | |
|------------------------------|-------------------------------|
| DOT hazard class | 3 |
| Shipping name | Isopropanol Flammable Liquids |
| Identification number | 1219 |
| Packing group | II |

Limited Quantities for packages under 1 Liter; Exempt DOT-SP 9275 for packages under 1 gallon

15. Regulations

| | |
|------------------------|-----------|
| Carcinogenicity | No |
| NTP: | No |
| IARC: | No |
| OSHA: | No |
| California Prop 65: | No |
| IATA: | No |

16. Other Information

The above information, to the best of our knowledge, is accurate. Hardy Diagnostics assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.

HARDY DIAGNOSTICS

1430 West McCoy Lane, Santa Maria, CA 93455, USA

Phone: (805) 346-2766 ext. 5658

Fax: (805) 346-2760

Website: www.HardyDiagnostics.comEmail: TechService@HardyDiagnostics.com