

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).
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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.
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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

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