

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 32344 - di ScreenDr. Advanced 70% Isopropyl Alcohol
Company Name: Digital Innovations **Phone Number:** +1 (360)734-9090
 PO Box 23
 Bellingham, WA 98227
Web site address: digitalinnovations.com
Emergency Contact: CHEMTREC +1 (800)424-9300

Intended Use: Cleaning Solution

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: H225 - Highly flammable liquid and vapor.
 H319 - Causes serious eye irritation.
 H335 - May cause respiratory irritation.

GHS Precautionary Phrases: 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 mist/vapors/spray.
 P264 - Wash hands thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P235 - Keep cool.

GHS Response Phrases: P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P370+378 - In case of fire, use CO2, dry chemical or alcohol-resistant foam to extinguish.

GHS Storage and Disposal Phrases: P403+233 - Store container tightly closed in well-ventilated place. P405 - Store locked up.
 P501 - Dispose of contents and containers in accordance with local, regional, national, and international regulations.

Additional Hazards Information

Hazards not otherwise classified (HNOC) or not covered by GHS: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS # | Hazardous Components (Chemical Name) | Concentration | |
|---------|--------------------------------------|---------------|--|
| 67-63-0 | Isopropyl alcohol | 70.0 % | |

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

In Case of Inhalation: None required under normal conditions of use. If breathed in, move person into fresh air. Get medical attention if irritation persists.

In Case of Skin Contact: None required under normal conditions of use. Wash off with soap and plenty of water. Get medical attention if irritation persists.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do after 5 minutes and continue rinsing for an additional 15 minutes. Get medical attention if irritation persists.

In Case of Ingestion: Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Signs and Symptoms Of Exposure: See section 11 for signs and symptoms of exposure.

Note to Physician: Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash Pt: 70.00 F (21.1 C) Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Dry chemical, CO2, alcohol-resistant foam or water spray.

Unsuitable Extinguishing Media: Do NOT use a solid stream of water. Water spray may be ineffective on fire but can protect firefighters and cool closed containers.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved (or equivalent), and full protective gear.

Flammable Properties and Hazards: Vapor may travel considerable distance to source of ignition and flash back. Cool containers with water spray until well after the fire is out.

Hazardous Combustion Products: High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen, sulfur.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental Precautions: Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized.

Steps To Be Taken In Case Material Is Released Or Spilled: Ensure adequate ventilation. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Spills produce a slipping hazard.

Small Spills: Soak up spill with absorbent material. Flush remaining area with water to remove trace residue and dispose of properly.

Large Spills: Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). Prevent further leakage or spillage if safe to do so. Use clean non-sparking tools to collect absorbed material. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Following product recovery, flush area with water.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Use with adequate ventilation. Keep away from heat, sparks and flame. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Do not eat, drink, or smoke when using. Avoid contact with eyes. Avoid inhalation of vapor or mist.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep container tightly closed when not in use. Keep away from heat, sparks and flame. Keep away from sources of ignition - No smoking. Store between 40F - 86F Keep from freezing. Protect containers against damage.

Other Precautions: Handle in accordance with good industrial hygiene and safety practices. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| CAS # | Chemical Name | Jurisdiction | Recommended Exposure Limits | Notations |
|---------|-------------------|--------------|--|-----------|
| 67-63-0 | Isopropyl alcohol | ACGIH TLV | TLV: 200 ppm STEL: 400 ppm | |
| | | NIOSH | TWA: 980 mg/m3 (400 ppm) STEL: 1225 mg/m3 (500 ppm) | |
| | | OSHA PELs | PEL: 400 ppm | |

| | |
|---|--|
| Respiratory Equipment (Specify Type): | Not required under normal conditions of use with adequate ventilation. If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. |
| Eye Protection: | Not required under normal use conditions. If splash is likely, goggles may be needed. |
| Protective Gloves: | Not required under normal use conditions. Wear gloves if skin is sensitive. |
| Other Protective Clothing: | Not required under normal use conditions. |
| Engineering Controls (Ventilation etc.): | Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions in the work area, below the OSHA-PEL or ACGIH-TLV. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |
| Work/Hygienic/Maintenance Practices: | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |
| Environmental Exposure Controls: | Do not let product enter storm drains, storm sewers, watersheds or water systems unless authorized. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Physical States: | [] Gas [X] Liquid [] Solid |
| Appearance and Odor: | Appearance: Clear. Liquid. Odor: alcohol-like. |
| pH: | NA |
| Melting Point: | NA |
| Boiling Point: | > 180.00 F (82.2 C) |
| Flash Pt: | 70.00 F (21.1 C) Method Used: Estimate |
| Evaporation Rate: | NA |
| Flammability (solid, gas): | May be ignited by friction, heat, sparks or flames. |
| Explosive Limits: | LEL: No data. UEL: No data. |
| Vapor Pressure (vs. Air or mm Hg): | NA |
| Vapor Density (vs. Air = 1): | NA |
| Specific Gravity (Water = 1): | NA |
| Density: | NA |
| Solubility in Water: | Soluble |
| Saturated Vapor Concentration: | NA |
| Octanol/Water Partition Coefficient: | No data. |
| Autoignition Pt: | No data. |
| Decomposition Temperature: | No data. |
| Viscosity: | NA |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| Reactivity: | Not reactive at normal temperatures and pressures. |
| Stability: | Unstable [] Stable [X] |
| Conditions To Avoid - Instability: | Heat, flames and sparks. Extremes of temperature and direct sunlight. Stable under recommended handling and storage conditions. |
| Incompatibility - Materials To Avoid: | Strong oxidizing agents. |
| Hazardous Decomposition or Byproducts: | High temperatures and fire conditions can result in the formation of carbon monoxide and carbon dioxide, and oxides of: nitrogen, sulfur. |
| Possibility of Hazardous | Will occur [] Will not occur [X] |

Reactions:

Conditions To Avoid - No data available.

Hazardous Reactions:

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information available.
 Teratogenicity: No information available.
 Reproductive Effects: No information available.
 Mutagenicity: No information available.
 Neurotoxicity: No information available.

Other Studies: CAS# 67-63-0:
 Acute toxicity, LD50, Oral, Rat, 5045 mg/kg.

Irritation or Corrosion: Other Studies: CAS# 67-63-0:
 Standard Draize Test, Skin, Species: Rabbit, 500 mg
 Standard Draize Test, Eyes, Species: Rabbit, 100 mg, 24H.

Symptoms related to Toxicological Characteristics: Eye Contact: May cause serious eye irritation.
 Skin Contact: Prolonged contact may cause skin irritation.
 Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
 Ingestion of large quantities may lead to irritation of the digestive tract or have a laxative effect.
 Inhalation: May cause respiratory irritation.

Sensitization: May be mildly irritating to the skin of sensitive individuals.

Chronic Toxicological Effects: None known.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information available.
 Physical: No information available.

Other Studies: CAS# 67-63-0:
 LC50, Water Flea (Daphnia magna), 10000 mg/L, 24H
 LC50, Fathead Minnow (Pimephales promelas), 6550000 ug/L, 96H.

Results of PBT and vPvB assessment: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated. *Exempt under 49 CFR § 172.102 (c) 47, Special Provisions.

DOT Hazard Class:

UN/NA Number:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated. *Exempt under Chapter 4.4, Special Provisions (a) 46.

UN Number:

Packing Group:

Hazard Class:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|---------|--------------------------------------|--------------|-----------|--------------|
| 67-63-0 | Isopropyl alcohol | No | No | Yes (70%) |

EPA SARA Title III Section 313 Toxic Release Inventory.

This product contains a toxic chemical or chemicals subject to the reporting requirements of EPCRA Section 313 (40 CFR Section 372).

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|---------|--------------------------------------|---|
| 67-63-0 | Isopropyl alcohol | CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIb, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E; SC TAP: No; WI Air: No |

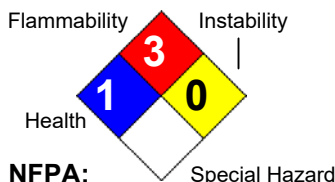
| CAS # | Hazardous Components (Chemical Name) | International Regulatory Lists |
|---------|--------------------------------------|--------------------------------------|
| 67-63-0 | Isopropyl alcohol | Canadian DSL: Yes; Canadian NDSL: No |

16. OTHER INFORMATION

Revision Date: 06/29/2021

Previous revision: 07/06/2020

Hazard Rating System:



Additional Information: No data available.

Company Policy or

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