

# DSI U-dry

## Cleaning and degreasing agent

Material safety data sheet (MSDS)  
Version 1.0 / EN

10/08/2022

## SECTION 1: PRODUCT AND COMPANY INFORMATION

### 1.1. Product identifier

Product Name	DSI U-Dry
Intended use	dental product
Structure	transparent liquid, Characteristic odor

### 1.2. Details of the supplier of the safety data sheet:

Company Name	DSI Ltd.
Company Address	59 haAvoda str., Ashdod 7706300 Israel
Contact Name	Shlomi Krasner
Phone / Fax	+972.893.172.35
E-mail	info@dsisrael.com

Emergency telephone number:	
Phone / Fax	+972.893.172.35

## SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

### 2.1. Chemical characterization:

COMPONENTS	C.A.S.	% by Wt
Acetone	67-64-1	5-10
Ethanol	64-17-5	90-96

## SECTION 3: HAZARDS IDENTIFICATION

### Classification

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC

(See SECTION 16 for full text of risk phrases)

GHS Label Elements

Hazard Class Hazard Statement

Eye irritation H319

STOT SE H335

Skin irritation H315

H319: Causes serious eye irritation. Category 2.

H335: Specific Target Organ Toxicity (STOT), single exposure, respiratory tract, Category 3: May cause

respiratory irritation.

H315: Causes skin irritation. Category 2

### **Precautionary Statements:**

P210: Keep away from heat, sparks, open flame, hot surfaces. No smoking.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P261: Avoid breathing fumes.

P280: Wear protective gloves/ clothing and eye protection.

P304+P340: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303+P361+P353: If on skin or hair, remove contaminated clothing. Rinse skin with water.

P370+P378: In case of fire, use dry chemical, alcohol foam, or carbon dioxide for extinction.

## **SECTION 4: FIRST AID MEASURES**

**General Information** May cause irritation of eyes or skin on contact. May cause irritation of respiratory tract if inhaled. Exposure to ethanol >1000 ppm may cause headache, drowsiness, lassitude, appetite loss. Get medical attention in case of uncertainty.

Eye Contact Keep eyelids apart, flush with running water for 15+ minutes. Get medical attention.

Skin Contact Remove contaminated clothing. Immediately wash with soap, running water. Use hand cream. Get medical attention if irritation persists.

Ingestion Rinse mouth with water. Do not induce vomiting. Get immediate medical attention.

Never give anything by mouth to an unconscious person.

Inhalation Move to fresh air. If necessary, administer oxygen and/or artificial respiration; seek medical attention.

Precautions for first responders Ventilate the area. Wear safety glasses and gloves.

### **Information for physicians**

Symptoms Contact with material may cause irritation or redness in eyes or on skin. Inhalation may cause irritation of respiratory tract.

## **SECTION 5: MEASURES AND MEANS OF MAINTENANCE OF FIRE SAFETY**

### **Suitable extinguishing media**

Use dry chemical, alcohol foam, or carbon dioxide. Water may be ineffective, but should be used to keep fire-exposed containers cool.

### **Extinguishing media to avoid**

Water may be ineffective, but will keep fire-exposed containers cool.

### **Special exposure hazards in a fire**

Carbon monoxide, carbon dioxide from incomplete combustion

### **Special protective equipment for fire- fighters**

Self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### **Personal precautions**

Wear chemical splash goggles and gloves.

### **Environmental precautions**

Avoid releasing large quantities into environment.

### **Method for clean up**

Ventilate area. Wear safety glasses, lab coat, gloves. Wipe up with absorbent material (paper or cloth towels). Rinse area of spill with water. Place all material in closed container away from heat, sparks, sun and oxidizers.

## SECTION 7: HANDLING AND STORAGE

### **Handling**

Remove applicator tip and recap immediately after use. Do not use in presence of ignition sources. Take same precautions when container is emptied, as residual product is hazardous.

### **Storage**

Keep tightly capped in original container. Store at cool room temperature in a well-ventilated area. Avoid extreme temperatures (>27°C/80°F, <5°C/40°F), sparks, direct sunlight, oxidizing agents. Vapor may form flammable mixtures with air.

### **Specific uses**

Dental drying agent

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Occupational exposure controls**

No special equipment or ventilation required under normal conditions of use. For large quantities/prolonged exposure, use enclosure, local ventilation, dilution to reduce concentration below TLV.

### **Respiratory protection**

Good general ventilation is sufficient to control any airborne vapors.

### **Hand protection**

No special requirements other than surgical gloves.

### **Eye protection**

No special requirements other than safety glasses.

### **Skin protection**

No special requirements other than good hygiene and safety practices.

### **Other controls**

Emergency eye wash fountain should be close by. Wash hands after use. Do not eat, drink or smoke.

### **Environmental exposure controls**

Follow all government regulations.

## SECTION 9: PHYSICAL/CHEMICAL CHARACTERISTICS

### 9.1. Information on basic physical and chemical properties:

Appearance:	Color
Physical state:	transparent liquid
Odor	Characteristic
Important health, safety and environmental	
pH	Not applicable
Boiling point	No data available
Flash point	No data available
Ignition temperature	No data available
Explosive properties	No data available
Odor threshold	No data available
Vapor pressure	No data available
Specific gravity	No data available
Solubility in water	Complete
Partition coefficient	Not determined
Viscosity	Not determined
Vapor density	No data available
Evaporation rate	Not determined

## SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid	Heat, sparks, open flame, any ignition source.
Materials to avoid	Acetyl chloride and a wide range of oxidizing agents.
Hazardous decomposition products	Carbon monoxide, carbon dioxide from incomplete combustion.
Further information	Stable if stored and used as directed.

## SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Ethanol: LD50 in young rats: 10.6 g/kg orally; LD50 in old rats: 7.06 g/kg orally. Acetone: LD50 in rats : 10.7 ml/kg orally
Irritation and corrosiveness	May cause irritation/redness of eyes or skin on contact. May cause irritation of respiratory tract if inhaled.
Sensitization	Not applicable.
Sub-acute, sub-chronic and prolonged toxicity	No chronic health hazard under normal conditions of use.
Carcinogenicity, Mutagenicity, Reproductive Toxicity	Not a carcinogen under normal conditions of use. Large quantities of ethanol, ingested over time, may be carcinogenic or a cause of Fetal Alcohol Syndrome. IARC has reported a relationship between habitual drinking of significant quantities of alcoholic beverages and cancer of oral cavity,

Empirical data  
Clinical experience

pharynx, esophagus, liver.  
None available  
Ultra Dry and similar products have been used in dentistry for decades with no reported problems.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Follow good work practices and government regulations. Avoid release into environment.

## SECTION 13: DISPOSAL CONSIDERATION

### Regulations

Follow all local and national government regulations in disposing material or contaminated packaging.

## SECTION 14: TRANSPORT INFORMATION

Regulated for Shipping: No. Not Regulated	DOT Shipping Name: Not Regulated	Packing Group: Not Applicable
Does Change in Quantities, packaging, or shipment method change product classification? No	DOT Hazard Class: Not Applicable	UN Number: Not Applicable

## SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Globally Harmonized System of Classification and Labeling of Chemicals  
EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.  
Other: Not Applicable

## SECTION 16: OTHER INFORMATION

PC-TWA: Permissible Concentration-Time Weighted Average  
PC-STEL: Permissible Concentration-Short Term Exposure Limit  
IARC: International Agency for Research on Cancer  
ACGIH: American Conference of Governmental Industrial Hygienists

STEL: Short Term Exposure Limit  
TEEL: Temporary Emergency Exposure Limit  
IDLH: Immediately Dangerous to Life or Health Concentrations  
OSF: Odor Safety Factor  
TLV: Threshold Limit Value  
LOD: Limit of Detection  
OTV: Odor Threshold Value

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**Disclaimer:**

Since the working conditions of the final user are unknown, the information presented in this safety data sheet is based on the current level of our knowledge, based on national and general standards.

The product should not be used for any other purpose than those indicated under heading without first receiving written instructions for use. The user must take all necessary measures to comply with the requirements and rules of the law. The information in this safety data sheet should be considered as a description of the safety requirements that apply to our product and does not guarantee its properties.