

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

078355354

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078553756

# Safety Data Sheet

Safety Data Sheet (in compliance with Regulation (EC)  
1907/2006, Regulation (EC) 1272/2008 and Regulation  
(EC) 453/2010)

Date Issued: 22 June 2009  
Document Number: 10402MS  
Date Revised: 21 July 2015  
Revision Number: 4

## 1. PRODUCT IDENTIFICATION

<b>Trade Name (as labeled):</b>	<b>Disclosing Solution</b>
<b>Chemical Name/Classification:</b>	Mixture
<b>Product Identifier (Part/Item Number):</b>	10402, 10403
<b>U.N. Number:</b>	None
<b>U.N. Dangerous Goods Classification:</b>	None
<b>Recommended Use:</b>	Disclosing Solution
<b>Restrictions on Use:</b>	Use only as directed
<b>Manufacturer/Supplier Name:</b>	Sultan Healthcare
<b>Manufacturer/Supplier Address:</b>	1301 Smile Way York, PA 17404
<b>Manufacturer/Supplier Telephone Number:</b>	800-989-8826 or 717-767-8502 (Product Information)
<b>Transportation Emergency Contact Number:</b>	800-424-9300 Chemtrec
<b>E-Mail Address:</b>	<a href="mailto:ProfessionalMSDS@dentsply.com">ProfessionalMSDS@dentsply.com</a>

## 2. HAZARD(s) IDENTIFICATION

**EU Classification (1999/45/EC as amended):** Not a dangerous preparation  
**EU Labeling:** None  
**US Hazard Classification:** Not Hazardous

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Components	C.A.S. # EC#	IUPAC Name	Substance Classification	WT %
Non-Hazardous Ingredients	Mixture		Not classified as hazardous	100

**Refer to Section 16 for the full text of the EU Classifications and R Phrases.**





#### 4. FIRST-AID MEASURES

Routes of Exposure	First Aid Instructions
Eye	Flush eyes with water, holding the eyelids apart. Get medical attention if irritation persists.
Skin	Wash with soap and water. Get medical attention if irritation develops.
Inhalation	None needed under normal use conditions.
Ingestion	If swallowed, rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to or induce vomiting in an unconscious or convulsing person. Get medical attention.
Most Important Symptoms of Exposure	May cause mild eye irritation. Swallowing may cause gastrointestinal irritation.
Other	None known.
<b>Note to Physicians (Treatment, Testing and Monitoring):</b> Treatment of overexposure should be directed at the control of symptoms and clinical conditions.	

#### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Use media appropriate for surrounding fire.
<b>Fire Fighting Procedures:</b>	Cool fire exposed containers and structures with water.
<b>Specific Hazards Arising from the Chemical:</b>	None known.
<b>Precautions for Fire Fighters:</b>	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

#### Recommended Protective Equipment for Fire Fighters:

EYES/FACE	SKIN	RESPIRATORY	THERMAL
			


#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, PPE and Emergency Procedures:** For large spills, wear eye protection. Small spills do not require special precautions.

**Environmental Precautions:** Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

**Methods and Materials for Containment and Clean-up:** For small spills, wipe up with a paper towel or other absorbent material and place in container for disposal. For large spills, absorb with inert material and place in appropriate containers for disposal.

**Recommended Personal Protective Equipment for Containment and Clean-up:**

EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes. Use in accordance with package instructions.

**Conditions for Safe Storage:** Store cool place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:**


Non-Hazardous Ingredients	United States	None Established
	Germany	None Established
	United Kingdom	None Established
	France	None Established
	Spain	None Established
	Italy	None Established
	European Union	None Established

**Biological Exposure Limits:** None Established

**Appropriate Engineering Controls:** No special controls required.

**Individual Protection Measures (PPE)**

<b>Specific Eye/face Protection:</b>	Avoid eye contact. Safety glasses should be worn if contact is likely.
<b>Specific Skin Protection:</b>	None normally required.
<b>Specific Respiratory Protection:</b>	None required under normal use conditions.
<b>Specific Thermal Hazards:</b>	Not applicable

Recommended Personal Protective Equipment:			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			
<b>Environmental Exposure Controls:</b> None required for normal use.			
<b>General Hygiene Considerations and Work Practices:</b> None needed.			
<b>Protective Measures During Repair and Maintenance of Contaminated Equipment:</b> Not applicable for product.			

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Dark red liquid	<b>Explosive Limits:</b>	None
<b>Odor:</b>	Peppermint	<b>Vapor Pressure:</b>	24 mmHg @ 25°C
<b>Odor Threshold:</b>	Not available	<b>Vapor Density:</b>	Not available
<b>pH:</b>	6.9	<b>Relative Density:</b>	1.007 @ 25°C
<b>Melting/Freezing Point:</b>	Not available	<b>Solubility:</b>	Miscible
<b>Initial Boiling Point and Range:</b>	212°F / 100°C	<b>Partition Coefficient: n-octanol/water:</b>	Not available
<b>Flash Point:</b>	None	<b>Auto-Ignition Temperature:</b>	Not available
<b>Evaporation Rate:</b>	(BUOAC = 1) 0.4	<b>Decomposition Temperature:</b>	Not available
<b>Flammability:</b>	Not flammable	<b>Viscosity:</b>	Not available
<b>Explosive Properties:</b>	None	<b>Oxidizing Properties:</b>	None

## 10. STABILITY AND REACTIVITY

**Reactivity:** Will not polymerize or react dangerously.

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** None known.

**Incompatible materials:** None known.

**Hazardous Decomposition Products:** None known.

## 11. TOXICOLOGICAL INFORMATION

### **Potential Health Effects:**

Eyes: May cause mild irritation with redness.

Skin: May cause mild skin irritation.

Ingestion: No adverse effects are expected from swallowing small amounts. Large amounts may cause gastric upset.

Inhalation: Inhalation exposure will not occur in normal use.

**Chronic Health Effects:** None known.

**Carcinogenicity:** None of the other components of this product are listed as carcinogens by OSHA, IARC, ACGIH, NTP or EU Directives.

**Mutagenicity:** No mutagenic effects are expected.

**Medical Conditions Aggravated by Exposure:** None known.

**Acute Toxicity Data:** No toxicity data available.

**Reproductive Toxicity Data:** No reproductive or teratogenic effects are expected.

### **Specific Target Organ Toxicity (STOT):**

Single Exposure: No data available, however, no adverse effects are expected.

Repeated Exposure: No data available, however, no adverse effects are expected.

## 12. ECOLOGICAL INFORMATION

**Toxicity:** No adverse effects are expected on aquatic organisms.

**Persistence and Degradability:** This product is expected to be removed by sedimentation or degradation.

**Bio-Accumulative Potential:** This product is not expected to bio-accumulate.

**Mobility in Soil:** No data is available.

**Other Adverse Effects:** None known.

**Results of PBT/vPvB Assessment:** Not required.

## 13. DISPOSAL CONSIDERATIONS

**Regulations:** Dispose in accordance with local and national environmental regulations.

**Properties (Physical/Chemical) Affecting Disposal:** None known.

**Waste Treatment Recommendations:** None needed for normal anticipated use.

## 14. TRANSPORT INFORMATION

<b>UN-Number</b>	ADR/RID: None	IMDG: None	IATA: None	DOT: None
<b>UN Proper Shipping Name</b>	ADR/RID: Not Regulated IMDG: Not Regulated IATA: Not Regulated DOT: Not Regulated			
<b>Transport Hazard Class(es)</b>	ADR/RID: None	IMDG: None	IATA: None	DOT: None
<b>Packaging Group</b>	ADR/RID: None	IMDG: None	IATA: None	DOT: None
<b>Environmental Hazards</b>	ADR/RID: None	IMDG Marine Pollutant: No	IATA: None	DOT: None
<b>Special Precautions for User:</b> Not applicable				

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

**Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**Toxic Substances Control Act (TSCA):** All of the ingredients in this product are listed on the EPA TSCA Inventory.

**Clean Water Act (CWA):** Not Listed

**Clean Air Act (CAA):** Not Listed

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

**SARA Section 311/312 (40 CFR 370) Hazard Categories:**

<b>Immediate Hazard:</b>	No	<b>Pressure Hazard:</b>	No
<b>Delayed Hazard:</b>	No	<b>Reactivity Hazard:</b>	No
<b>Fire Hazard:</b>	No		

**This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):**

Components	C.A.S. #	WT %
None		

#### **State Regulations**

**California:** This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Components	C.A.S. #	WT %
None		

#### **International Regulations**

**Canadian Workplace Hazardous Materials Information System (WHMIS):** Not a controlled product.

**EU REACH:** The substances in this product comply with the EU REACH regulation as applicable.

## **16. OTHER INFORMATION**

Full Text of Classification Abbreviations used in Section 2 and 3: None

Date of SDS Preparation/Revision: 21 September 2012

Revision Summary: Revision 4 – Updated address and contact information.

Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.