

## SAFETY DATA SHEETS

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

076665699

N/A

## 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: AD30045MS  
 Date Revised: 26 August 2011  
 Revision Number: 3

### 1. PRODUCT IDENTIFICATION

<b>Trade Name (as labeled):</b>	<b>Topex<sup>®</sup> Prep and Polish Paste</b>
<b>Chemical Name/Classification:</b>	Mixture
<b>Product Identifier (Part/Item Number):</b>	AD30045
<b>U.N. Number:</b>	None
<b>U.N. Dangerous Goods Classification:</b>	None
<b>Recommended Use:</b>	Cleaning and polishing paste
<b>Restrictions on Use:</b>	Use only as directed
<b>Manufacturer/Supplier Name:</b>	Sultan Healthcare
<b>Manufacturer/Supplier Address:</b>	411 Hackensack Avenue, 9 <sup>th</sup> Floor Hackensack, NJ
<b>Manufacturer/Supplier Telephone Number:</b>	1-201-871-1232 or 800-637-8582 (Product Information)
<b>Emergency Contact Telephone Number:</b>	800-535-5053 (INFOTRAC) 1-352-323-3500 (Outside the United States – Call Collect)
<b>Email address:</b>	<a href="mailto:customer.service@sultanhc.com">customer.service@sultanhc.com</a>

### 2. HAZARD(S) IDENTIFICATION

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

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Hazardous Components	C.A.S. # EC#	IUPAC Name	Substance Classification	WT %
Glycerin	56-81-5 / 200-289-5	propane- 1,2,3-triol	Not classified as hazardous	Proprietary

**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. Do not rub eyes. Get medical attention if irritation persists.
Skin	No first aid should be needed. Rinse off with water.
Inhalation	None needed under normal use conditions
Ingestion	If large amounts are swallowed, seek medical advice.
Most important symptoms of exposure	Direct contact may cause eye 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.		
<b>Recommended Protective Equipment for Fire Fighters:</b>			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, PPE and Emergency Procedures:</b> For large spills, wear eye protection. Small spills do not require special precautions.
<b>Environmental Precautions:</b> Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.
<b>Methods and Materials for Containment and Clean-up:</b> Collect using an inert non-combustible absorbent 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:** Avoid excessive cold and heat.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits:**

Glycerin	United States	10 mg/m <sup>3</sup> TWA ACGIH TLV 10 mg/m <sup>3</sup> TWA UK WEL
	Germany	50 mg/m <sup>3</sup> DFG MAK (inhalable)
	United Kingdom	None Established
	France	10 mg/m <sup>3</sup> INRS VME
	Spain	10 mg/m <sup>3</sup> TWA VLA-ED
	Italy	None Established
	European Union	None Established

**Biological Exposure Limits:** None Established

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

**Individual Protection Measures (PPE)**  
**Specific Eye/face Protection:** Avoid eye contact. Safety glasses should be worn if contact is likely.  
**Specific Skin Protection:** None normally required.  
**Specific Respiratory Protection:** None required under normal use conditions.  
**Specific Thermal Hazards:** Not applicable

Recommended Personal Protective Equipment:			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

**Environmental Exposure Controls:** None required for normal use.

**General Hygiene Considerations and Work Practices:** Routine hand washing after use recommended.

**Protective Measures During Repair and Maintenance of Contaminated Equipment:** Not applicable for product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Gray colored paste	<b>Explosive limits:</b>	Not applicable
<b>Odor:</b>	Characteristic of flavor	<b>Vapor pressure:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Vapor density:</b>	Not available
<b>pH:</b>	Not available	<b>Relative density:</b>	Not available
<b>Melting/freezing point:</b>	Not available	<b>Solubility:</b>	Not available
<b>Initial boiling point and range:</b>	Not available	<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Flash point:</b>	Not flammable	<b>Auto-ignition temperature:</b>	Not available
<b>Evaporation rate:</b>	Not available	<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.

**Chemical Stability:** Stable.

**Possibility of Hazardous Reactions:** Contact with strong oxidizing agents may cause fire.

**Conditions to Avoid:** None known.

**Incompatible materials:** Avoid oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition may produce carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### **Potential Health Effects:**

**Eyes:** May cause irritation with redness and tearing. Mechanical (abrasive) irritation may also occur. Glycerin is slightly irritating to rabbit eyes.

**Skin:** No adverse effects expected. Glycerin is not irritating to rabbit or human skin.

**Ingestion:** Swallowing large amounts may cause nausea, vomiting and diarrhea.

**Inhalation:** No adverse effects are expected.

**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. No increase in tumor incidence was found in a 2 year oral feeding study with rats at doses of 5 and 10 g/kg.

**Mutagenicity:** Glycerin: Negative in AMES, in-vitro sister chromatid exchange and unscheduled DNA synthesis.

**Medical Conditions Aggravated by Exposure:** Employees with pre-existing skin disorders may be at increased risk from exposure.

### **Acute Toxicity Data:**

Glycerin: Oral Rat LD50 >12,600 mg/kg

**Reproductive Toxicity Data:** Glycerin: No effects were observed in a 2 generation study at doses of 0.2 mg/kg/day. No developmental effects were observed in rabbits administered up to 1,180 mg/kg or in rats or mice administered up to 1,310 mg/kg.

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

**Single Exposure:** Glycerin: When placed into the eye of a rabbit, glycerin will cause an inflammatory reaction, edema of the cornea and damage of the endothelial cells.

**Repeated Exposure:** In a 13 week sub-chronic inhalation study with rats, glycerin was found to cause mild irritation of mucous membranes. In a 2 year study in rats, no adverse effects were found in animals with 20% glycerin in their feed.

## 12. ECOLOGICAL INFORMATION

### **Toxicity:**

Glycerin: 96 hr LC50 *Oncorhynchus mykiss* (Rainbow trout) 54,000 mg/L, 48 hr EC50 *daphnia magna* 10,000 mg/L

**Persistence and Degradability:** Glycerin is readily biodegradable (63% after 14 days).

**Bio-accumulative Potential:** Not expected to bio-accumulate.

**Mobility in Soil:** Glycerin: Very high mobility in soil.

**Other Adverse Effects:** No adverse effects are expected.

**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.

### 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: No	IMDG Marine pollutant: No	IATA: No	DOT: No

**Special precautions for user:** 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):** This product is a medical device and not subject to chemical notification requirements.

**OSHA Hazard Classification:** Exposure Limits

**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):**

<b>Components</b>	<b>C.A.S. #</b>	<b>WT %</b>
None		

**State Regulations**

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

<b>Components</b>	<b>C.A.S. #</b>	<b>WT %</b>
None		

**International Regulations**

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

<b>16. OTHER INFORMATION</b>
Full text of Classification abbreviations used in Section 2 and 3: None.  Date of SDS Preparation/Revision: 26 August 2011  Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.

## 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: 0030045MS  
 Date Revised: 14 August 2014  
 Revision Number: 4

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**1.1 Product Identifier:**

Trade Name (as labeled):	<b>Topex® Prep and Polish Paste</b>
Part/Item Number:	AD30045

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

Recommended Use:	Cleaning and polishing paste
Restrictions on Use:	Use only as directed

**1.3 Details of the Supplier of the Safety Data Sheet:**

Manufacturer/Supplier Name:	Sultan Healthcare
Manufacturer/Supplier Address:	1301 Smile Way York, PA, USA
Manufacturer/Supplier Telephone Number:	1-201-871-1232 or 800-637-8582 (Product Information)-
Email address:	<a href="mailto:customer.service@sultanhc.com">customer.service@sultanhc.com</a>

**1.4 Emergency Telephone Number:**

Emergency Contact Telephone Number:	800-535-5053 (INFOTRAC) 1-352-323-3500 (Outside the United States – Call Collect)
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### 2. HAZARD(S) IDENTIFICATION

**2.1 Classification of the Substance or Mixture:** Not hazardous

**GHS SDS Classification:**

Health	Environmental	Physical
Not hazardous	Not hazardous	Not hazardous

**EU Classification (1999/45/EC as amended):** Not a dangerous preparation

**2.2 Labeling Elements:** None required

### 2.3 Other Hazards: None

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

### 3.2 Mixture

Hazardous Components	C.A.S. # EC#	IUPAC Name	CLP/GHS / EU Classification (1272/2008) (1999/45/EC)	WT %
Glycerin	56-81-5 / 200-289-5	propane- 1,2,3-triol	Not classified as hazardous	Proprietary

The exact concentration is being withheld as a trade secret.

Refer to Section 16 for the full text of the GHS and H phrases and EU Classifications and R Phrases.

## 4. FIRST-AID MEASURES

### 4.1 Description of First Aid Measures:

Routes of Exposure	First Aid Instructions
Eye	Flush eyes with water, holding the eyelids apart. Do not rub eyes. Get medical attention if irritation persists.
Skin	No first aid should be needed. Rinse off with water.
Inhalation	None needed under normal use conditions
Ingestion	If large amounts are swallowed, seek medical advice.

### 4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Direct contact may cause eye irritation.

### 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

None required under normal conditions of use.

**Note to Physicians (Treatment, Testing, and Monitoring):** Treatment of overexposure should be directed at the control of symptoms and clinical conditions.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

Use media appropriate for surrounding fire.

### 5.2 Special Hazards Arising from the Substance or Mixture:

None known

### 5.3 Advice for Fire-Fighters:

<b>Fire Fighting Procedures:</b>	Cool fire exposed containers and structures with water.		
<b>Precautions for Fire Fighters:</b>	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.		
<b>Recommended Protective Equipment for Fire Fighters:</b>			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal Precautions, Protective Equipment and Emergency Procedures:</b>			
For large spills, wear eye protection. Small spills do not require special precautions.			
<b>Recommended Personal Protective Equipment for Containment and Clean-up:</b>			
EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

<b>6.2 Environmental Precautions:</b>
Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

<b>6.3 Methods and Material for Containment and Cleaning up:</b>
Collect using an inert non-combustible absorbent material and place in appropriate containers for disposal.

<b>6.4 Reference to Other Sections:</b>
Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

## 7. HANDLING AND STORAGE

<b>7.1 Precautions for Safe Handling:</b>
Avoid contact with the eyes. Use in accordance with package instructions.
<b>7.2 Conditions for Safe Storage, Including Any Incompatibilities:</b>
Avoid excess cold and heat.

7.3 Specific End Use (s): For professional use only.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control Parameters:

#### Occupational Exposure Limits

Glycerin	United States	5 mg/m <sup>3</sup> TWA US OSHA PEL (respirable fraction) 10 mg/m <sup>3</sup> TWA ACGIH TLV
	Germany	50 mg/m <sup>3</sup> DFG MAK (inhalable)
	United Kingdom	10 mg/m <sup>3</sup> TWA UK OEL
	France	10 mg/m <sup>3</sup> INRS VME
	Spain	10 mg/m <sup>3</sup> TWA VLA-ED
	Italy	None Established
	European Union	None Established

**Biological Exposure Limits:** None Established

### 8.2 Exposure Controls:

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

#### Individual Protection Measures (PPE)

**Specific Eye/face Protection:** Avoid eye contact. Safety glasses should be worn if contact is likely.

**Specific Skin Protection:** None normally required.

**Specific Respiratory Protection:** None required under normal use conditions.

**Specific Thermal Hazards:** Not applicable

#### Recommended Personal Protective Equipment

EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on Basic Physical and Chemical Properties:

<b>Appearance:</b>	Gray colored paste	<b>Explosive limits:</b>	Not applicable
<b>Odor:</b>	Characteristic of flavor	<b>Vapor pressure:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Vapor density:</b>	Not available

<b>pH:</b>	Not available	<b>Relative density:</b>	Not available
<b>Melting/freezing point:</b>	Not available	<b>Solubility:</b>	Not available
<b>Initial boiling point and range:</b>	Not available	<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Flash point:</b>	Not flammable	<b>Auto-ignition temperature:</b>	Not available
<b>Evaporation rate:</b>	Not available	<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

**9.2 Other Information:** None available

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** Will not polymerize

**10.2 Chemical Stability:** Stable.

**10.3 Possibility of Hazardous Reactions:** Contact with strong oxidizing agents may cause fire.

**10.4 Conditions to Avoid:** None Known

**10.5 Incompatible materials:** Avoid oxidizing agents.

**10.6 Hazardous Decomposition Products:** Thermal decomposition may produce carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### **11.1 Information on Toxicological Effects:**

**Potential Health Effects:**

Eyes: May cause irritation with redness and tearing. Mechanical (abrasive) irritation may also occur. Glycerin is slightly irritating to rabbit eyes.

Skin: No adverse effects expected. Glycerin is not irritating to rabbit or human skin.

Ingestion: Swallowing large amounts may cause nausea, vomiting and diarrhea.

Inhalation: No adverse effects are expected.

**Chronic Health Effects:** None expected.

**Carcinogenicity:** None of the other components of this product are listed as carcinogens by OSHA, IARC, ACGIH, NTP or EU Directives. No increase in tumor incidence was found in glycerin in a 2 year oral feeding study with rats at doses of 5 and 10 g/kg.

**Mutagenicity:** Glycerin: Negative in AMES test, in vitro sister chromatid exchange and unscheduled DNA synthesis.

**Medical Conditions Aggravated by Exposure:** Employees with pre-existing eye and skin disorders may be at increased risk from exposure.

**Acute Toxicity Data:**

Glycerin: Oral Rat LD50 >12,600 mg/kg

**Reproductive Toxicity Data:** Glycerin: No effects were observed in a 2 generation study at doses of 0.2 mg/kg/day. No developmental effects were observed in rabbits administered up to 1,180 mg/kg or in rats or mice administered up to 1,310 mg/kg.

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

**Single Exposure:** Glycerin: When placed into the eye of a rabbit, glycerin will cause an inflammatory reaction, edema of the cornea and damage of the endothelial cells.

**Repeated Exposure:** In a 13 week sub-chronic inhalation study with rats, glycerin was found to cause mild irritation of mucous membranes. In a 2 year study in rats, no adverse effects were found in animals with 20% glycerin in their feed.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:**

Glycerin: 96 hr LC50 *Oncorhynchus mykiss* (Rainbow trout) 54,000 mg/L, 48 hr EC50 *daphnia magna* 10,000 mg/L

**12.2 Persistence and Degradability:** Glycerin is readily biodegradable (63% after 14 days).

**12.3 Bio-accumulative Potential:** Not expected to bio-accumulate.

**12.4 Mobility in Soil:** Glycerin: Very high mobility in soil.

**12.5 Other Adverse Effects:** No adverse effects are expected

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

## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste Treatment Methods:**

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

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

**Waste Treatment Recommendations:** None needed.

## 14. TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	None	Not Regulated	None	None	No
ADR/RID	None	Not Regulated	None	None	No
IMDG	None	Not Regulated	None	None	Marine Pollutant-No
IATA/ICAO	None	Not Regulated	None	None	No

**14.6 Special precautions for user:** Not Applicable

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable – product is transported only in packaged form.

## 15. REGULATORY INFORMATION

### 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

#### 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):** This product is a medical device and not subject to chemical notification requirements.

**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		
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### **International Regulations**

**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.

Supersedes: 26 August 2011

Revision Summary: Comprehensive review, new format

Date of SDS Preparation/Revision: 14 August 2014

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