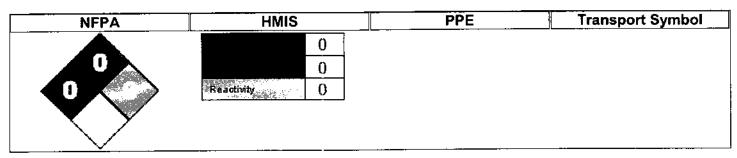
(F6037

# **Material Safety Data Sheet**



Issuing Date 24-Jul-2006

Revision Date 24-Jul-2006

**Revision Number 1** 

# 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Recommended Use SANI-SCRUB® 3-in-1 Surface Care Cleaning preparation & barrier coating

Supplier Address
Unelko Corporation
14641 N.74th Street, Scottsdale, AZ,
85260
US
Phone:480-991-7272
Contact:Steven Ohlhausen
Contact Phone:480-991-7272
Emergency Phone:800-255-3924

Company Emergency Phone Number 602-321-1911

# 2. HAZARDS IDENTIFICATION

**Emergency Overview** 

The product contains no substances which, at their given concentration, are considered to be hazardous to health

Appearance White

Physical State Liquid

### Potential Health Effects

Principle Routes of Exposure

Skin contact, Eye contact.

**Acute Toxicity** 

Eyes Skin Inhalation May cause irritation. May cause irritation.

Inhalation Ingestion No known effect based on information supplied

May cause irritation.

**Chronic Effects** 

No known effect based on information supplied

**Aggravated Medical Conditions** 

Preexisting eye disorders. Skin disorders.

**Environmental Hazard** 

See Section 12 for additional Ecological information

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Nor th Am eric an Haz ard Indi cat or
Water, distilled, conductivity or of similar purity	7732-18-5	60 - 100	
Aluminum oxide	1344-28-1	10 - 30	1
Poly(oxy-1,2-ethanediyl), .alphaundecylomega hydroxy-	34398-01-1	1 - 5	-
1-Octadecanaminium, N,N-dimethyl-N-[3- (trimethoxysilyl)propyl]-, chloride	27668-52-6	0.1 – 1	<u> </u>
Hydroxypropyl ether of cellulose	9004-64-2	1 - 5	

### 4. FIRST AID MEASURES

**Eye Contact** 

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

**Skin Contact** 

Wash skin with soap and water

Ingestion

Clean mouth with water and afterwards drink plenty of water

Notes to Physician

Treat symptomatically

# 5. FIRE-FIGHTING MEASURES

Flammable Properties

Not flammable

Flash Point

Not applicable

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Uniform Fire Code** 

• OTHER HEALTH HAZARD: TARGET ORGAN TOXIN-LIQUID

**Hazardous Combustion Products** 

Carbon oxides

**Explosion Data** 

Sensitivity to mechanical impact Sensitivity to static discharge Not sensitive Not sensitive

Protective Equipment and Precautions for Firefighters

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

**NFPA** 

Health Hazard 0

Flammability 0

Stability 0

Physical and Chemical Hazards -

# 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with eyes.

**Methods for Containment** 

Prevent further leakage or spillage if safe to do so

Methods for Clean-up

Soak up with inert absorbent material. After cleaning, flush away traces with water.

# 7. HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

eyes.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place

# 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum oxide	TWA: 10 mg/m <sup>3</sup>	TWA: 10 mg/m³	
	•	TWA: 5 mg/m <sup>3</sup>	

**Engineering Controls** 

Showers

Evewash stations Ventilation systems

**Personal Protective Equipment** 

Eye/face Protection Skin and body protection If splashes are likely to occur, wear:. Goggles.

Repeated or prolonged contact:. Wear protective gloves/clothing.

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or imitation is experienced, ventilation and evacuation may be required

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance Physical State**  White Liquid

Odor pН

Wintergreen

5 - 7

Flash Point

**Boiling Point/Range** 

Not applicable

**Autoignition Temperature** Melting Point/Range

Not applicable No data available

Flammability Limits in Air

No data available No data available

**Water Solubility** 

Partly soluble Not applicable Solubility Partition Coefficient (n-

No data available

**VOC Content** 

octanol/water)

# 10. STABILITY AND REACTIVITY

**Chemical Stability** 

Stable under recommended storage conditions.

**Conditions to Avoid** 

None known based on information supplied.

Incompatible Products

None known based on information supplied.

**Hazardous Decomposition Products** 

None known based on information supplied

### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### 11. TOXICOLOGICAL INFORMATION

### **Acute Toxicity**

**Product Information** 

Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aluminum oxide	5000 mg/kg (Rat)		
Hydroxypropyl ether of cellulose	10200 mg/kg (Rat)		

### Subchronic Toxicity (28 days)

**Chronic Toxicity** 

Carcinogenicity

There are no known carcinogenic chemicals in this product.

**Mutagenicity** 

Reproductive Toxicity

This product does not contain any known or suspected reproductive hazards.

**Target Organ Effects** 

Eyes, Respiratory system, Skin.

**Endocrine Disruptor Information** 

This product does not contain any known or suspected endocrine disruptors.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity** 

Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants.

### 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

This material, as supplied, is not a hazardous waste according to state and federal regulations

(40 CFR 261)

**Contaminated Packaging** 

Dispose of in accordance with local regulations.

### 44. TRANSPORT INFORMATION

**DOT** Not regulated

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

	14. TRANSPORT INFORMATION
IMDG/IMO	Not regulated
RID	Not regulated
ADR	Not regulated
<u>ADN</u>	Not regulated

# 15. REGULATORY INFORMATION

# International Inventories

TSCA	Complies
DSL	Complies
NDSL	Complies
EINECS	Complies
ELINCS	Complies
ENCS	Complies
CHINA	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values
Aluminum oxide	1344-28-1	10 - 30	1.0

#### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### **Pesticide Information**

Chemical Name	FIFRA - Restricted Use	FIFRA - Pesticide Product Other Ingredients	FIFRA - Listing of Pesticide Chemicals	California Pesticides - Restricted Materials
Water, distilled, conductivity or of similar purity		List 4A - Minimum Risk Inerts		
Aluminum oxide		List 4B - Inert Ingredients	X	
Poly(oxy-1,2-ethanediy!), .alphaundecylomega hydroxy-		List 3 - Unknown Toxicity		
Hydroxypropyl ether of cellulose		List 4A - Minimum Risk Inerts	X	

### U.S. State Regulations

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Aluminum oxide	X	X	Χ		X

### International Regulations

Mexico - Grade

Minimum risk, Grade 0

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

#### WHMIS Hazard Class

Non-controlled

# 16, OTHER INFORMATION

**Issuing Date** 

24-Jul-2006

**Revision Date** 

24-Jul-2006

**Revision Note** 

No information available

### Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS