

# Safety Data Sheet

Issue Date: 20-Feb-2014

Revision Date: 06-Jul-2020

Version 2

## 1. IDENTIFICATION

### Product identifier

**Product Name** Satin

### Other means of identification

**SDS #** DMD-003

**Product Code** SN1,5,55

### Recommended use of the chemical and restrictions on use

**Recommended Use** Vehicle detailing.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Details Manufacturing & Distribution  
504 East Lincoln Way  
Ames, IA 50010

### Emergency telephone number

**Company Phone Number** 515-233-6555

**Emergency Telephone** 918-549-8396

## 2. HAZARDS IDENTIFICATION

**Appearance** White liquid

**Physical state** Liquid

**Odor** Industrial

### Classification

Skin sensitization

Category 1

### Signal Word

Warning

### Hazard statements

May cause an allergic skin reaction



### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing must not be allowed out of the workplace  
Wear protective gloves

### Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water and soap  
Wash contaminated clothing before reuse  
If skin irritation or rash occurs: Get medical advice/attention

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Proprietary	Proprietary	0.1-1

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

### 4. FIRST AID MEASURES

**Description of first aid measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Flush immediately with large quantities of running water for at least 15 minutes. Consult physician.
<b>Skin Contact</b>	Skin - Immediately flush skin with lots of running water for at least 30 minutes. Remove contaminated clothing and shoes. Wash before reuse.
<b>Inhalation</b>	If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet and get medical attention.
<b>Ingestion</b>	Do not induce vomiting. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	Eyes -Can cause severe irritation, redness, tearing, blurred vision. Skin - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. Inhalation - Mild irritation. Ingestion - Can cause gastro-intestinal irritation, nausea, vomiting and diarrhea.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray, carbon dioxide, alcohol type.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Product is not a fire hazard, but its residue can burn after water evaporates.

**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. Keep containers cool with water spray using fog nozzles.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protective equipment as required.

### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Contain and collect with an inert absorbent and place into an appropriate container for disposal. Wash area with soap and water. Dispose of in accordance with federal, state and local regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on Safe Handling** Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from incompatible materials, open flames, and high temperatures. Keep from freezing. Do not store at temperatures above 120°F. Keep out of the reach of children. Do not store near acids or acidic materials and oxidizers.

**Incompatible Materials** Salt solutions or acids may coagulate the product. Avoid contact with alkalis, glass, concrete and other silicone containing materials, metals and many other materials including rubber, leather, and certain organic substances.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

### Appropriate engineering controls

**Engineering Controls** Eye wash and quick drench facilities.

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses.

**Skin and Body Protection** Wear resistant gloves such as nitrile rubber, PVC, etc.

**Respiratory Protection** An appropriate NIOSH approved hydrocarbon canister or respirator for organic vapor should be worn if needed.

**General Hygiene Considerations** Avoid contact with skin, eyes or clothing. Avoid breathing vapors. Wash thoroughly after handling before eating, drinking, smoking, or using toilet facilities. Remove contaminated clothing promptly and wash thoroughly before reused.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid		
<b>Appearance</b>	White liquid	<b>Odor</b>	Industrial
<b>Color</b>	White	<b>Odor Threshold</b>	Not determined

  

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	Not determined		
Melting point / freezing point	Not determined		
Boiling point / boiling range	> 100 °C / >212 °F		
Flash point	None		
Evaporation Rate	> 1	(n-BuAc =1)	
Flammability (Solid, Gas)	Not determined		
Flammability Limit in Air			
Upper flammability or explosive limits	Not applicable		
Lower flammability or explosive limits	Not applicable		
Vapor Pressure	<25 mm Hg		
Vapor Density	0.6	.? (air = 1)	
Relative Density	1.0	@ 60°F (ASTM D 1298)	
Water Solubility	Completely soluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	Not determined		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

#### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible materials

Salt solutions or acids may coagulate the product. Avoid contact with alkalis, glass, concrete and other silicone containing materials, metals and many other materials including rubber, leather, and certain organic substances.

### Hazardous decomposition products

After water evaporates, residue may burn to give oxides of carbon and traces of hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Inhalation</b>	Do not inhale.
<b>Ingestion</b>	Do not ingest.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary	> 24 g/kg ( Rat ) > 17 g/kg ( Rat )	> 2 g/kg ( Rabbit )	-
Proprietary	= 763 mg/kg ( Rat )	> 2 g/kg ( Rat )	-

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	May cause an allergic skin reaction.
<b>Carcinogenicity</b>	Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Chronic toxicity</b>	Inhalation may Increase susceptibility to respiratory illness.

### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

<b>Oral LD50</b>	82,542.69 mg/kg
<b>Dermal LD50</b>	9,710.90 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Proprietary		16.07: 96 h Danio rerio mg/L LC50 static	

### Persistence/Degradability

Not determined.

### Bioaccumulation

There is no data for this product.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

**15. REGULATORY INFORMATION****International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary	X	ACTIVE	X			X	X	X	X
Proprietary	X	ACTIVE	X			X	X	X	X
Proprietary	X	ACTIVE	X	X	X	X	X	X	X

**Legend:***TSCA - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS - Japan Existing and New Chemical Substances**IECSC - China Inventory of Existing Chemical Substances**KECL - Korean Existing and Evaluated Chemical Substances**PICCS - Philippines Inventory of Chemicals and Chemical Substances**AICS - Australian Inventory of Chemical Substances***US Federal Regulations****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).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (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)

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

This product does not contain any substances regulated under applicable state right-to-know regulations

<b>16. OTHER INFORMATION</b>
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**NFPA****Health Hazards**

1

**Flammability**

2

**Instability**

0

**Special Hazards**

X

**HMIS****Health Hazards**

Not determined

**Flammability**

Not determined

**Physical hazards**

Not determined

**Personal Protection**

Not determined

**Issue Date:**

20-Feb-2014

**Revision Date:**

06-Jul-2020

**Revision Note:**

Reformulation

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**