

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Showsheen® Detangler Gel

**GENERAL USE:** Hair coat conditioner

**PRODUCT DESCRIPTION:** Clear thick liquid with pleasant fragrance



**MANUFACTURER'S NAME:**  
W. F. Young, Inc

**DATE PREPARED:** May 23, 2011  
**SUPERSEDES:** Jan, 2011

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**ADDRESS (NUMBER, STREET, P.O. BOX)**  
302 Benton Drive

**TELEPHONE NUMBER FOR INFORMATION:**  
(413) 526-9999

**CITY, STATE AND ZIP CODE:**  
East Longmeadow, MA 01028

**EMERGENCY TELEPHONE NUMBER:**  
(413) 526-9999

## SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	EINECS #	%	OSHA PEL		ACGIH TWA	
				PPM	MG/M3	PPM	MG/M3

### Cyclosiloxanes/Cyclopolydimethylsiloxanes:

Octamethylcyclotetrasiloxane	556-67-2	36%
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Decamethylcyclopentasiloxane	541-02-6	9-24%
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The remaining components of this product are non-hazardous or are in small enough quantities as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.

## SECTION 3 – HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Clear combustible liquid

Combustible as defined by DOT and TDG for Air / Ocean transport.

Classified by DOT as Combustible for ground transport in containers less than 120 gallons. Certain exemptions may qualify for shipping as ORM-D.

Classified as Combustible by OSHA.

### POTENTIAL HEALTH EFFECTS

**INHALATION:** No irritation

**SKIN:** No irritation

**EYES:** May produce oil film causing brief reversible dimness of sight

**INGESTION:** Amounts transferred to the mouth by fingers, etc., during normal use should not cause injury

May result in vomiting; aspiration of vomitus into the lungs must be avoided; DO NOT induce vomiting. Minute amounts aspirated into the lungs can produce severe lung injury, chemical pneumonitis, pulmonary edema or death.

**CARCINOGENICITY**

NTP? No

IARC MONOGRAPHS: No

OSHA REGULATED: No

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<b>SECTION 4 – FIRST AID MEASURES</b>		
INHALATION: Get medical attention if symptoms appear SKIN: If irritation occurs, get medical attention. EYES: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. May cause temporary irritation. INGESTION: Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed by a physician.		
<b>SECTION 5 – FIRE FIGHTING MEASURES</b>		
FLASH POINT (METHOD USED) <b>133°F P.M.C.C. (56.1°C)</b>	FLAMMABLE LIMITS LEL: 1.0% UEL: 7.0% AUTOIGNITION TEMPERATURE: Not determined	NFPA CLASS:
GENERAL HAZARDS: Product is combustible. This product can generate formaldehyde at approximately 300°F and above in atmospheres that contain oxygen. Other decomposition products are carbon oxides and silica (crystalline).		
EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam.		
FIRE FIGHTING PROCEDURES: Self - contained respiratory equipment; cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:		
HAZARDOUS COMBUSTION PRODUCTS Smoke, fumes or vapors, oxides of carbon and silicone.		
<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>		
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COMBUSTIBLE - Evacuate and ventilate area; remove all sources of sparks, ignition and open flames; confine and absorb into approved absorbent; place material into approved containers for disposal; do not wash to sewer or waterway.		
<b>SECTION 7 – HANDLING AND STORAGE</b>		
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: This material is combustible. It should be stored in tightly closed containers in a cool, well ventilated area. Vapor may form explosive mixtures in air. All sources of ignition should be controlled. This material may be classified as ORM-D. Refer to 49 CFR 173.120. Keep this and other chemicals out of reach of children. Avoid inhaling concentrated fumes or vapors.		

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION****ENGINEERING CONTROLS**

The use of local exhaust ventilation is recommended to control emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

**PERSONAL PROTECTION:****RESPIRATORY PROTECTION:**

None required while threshold limits are kept below maximum allowable concentrations; if TWA exceeds limits, NIOSH approved respirator must be worn. Refer to 29 CFR 1910.134, ANSI Z88.2, or European Standard EN 149 for complete regulations.

**PROTECTIVE GLOVES:**

Neoprene, butyl or nitrile rubber gloves with cuffs.

**EYE PROTECTION:**

Chemical splash goggles. Refer to 29 CFR 1910.133, ANSI Z87.1, or European Standard EN166.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:**

Safety eyewash station nearby

**WORK/HYGIENIC PRACTICES:**

Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE AND ODOR:**

Clear thick liquid with pleasant fragrance

**VAPOR DENSITY (AIR = 1)**

>1

**SPECIFIC GRAVITY (WATER =1)**

1.0

**EVAPORATION RATE (WATER =1)**

<1

**SOLUBILITY IN WATER**

Insoluble

**% VOLATILE (BY WEIGHT)**

73%

**Ph**

Not applicable

**VAPOR PRESSURE**

0.5mm Hg@20°C

**BOILING POINT****FREEZING POINT**

< 32° F ( < 0° C )

**VISCOSITY**

30 centistokes

**VOLATILE ORGANIC COMPOUNDS (VOC's)****SECTION 10- STABILITY AND REACTIVITY****STABILITY**

UNSTABLE

STABLE: X

CONDITIONS TO AVOID: Extreme temperatures, open flames.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, fumes or vapors, and smoke may be produced.

HAZARDOUS POLYMERIZATION MAY OCCUR  
WILL NOT OCCUR: X

CONDITIONS TO AVOID: None

**SECTION 11 – TOXICOLOGICAL INFORMATION****Hazardous Ingredients****CAS #****EINECS #****LD50 of Ingredient  
Species and Route****LC50 of  
Ingredient Species**


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<b>SECTION 12 – ECOLOGICAL INFORMATION</b>	
No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. However, such treatment should be evaluated and approved for each specific biological system. None of the ingredients in this mixture are classified as a Marine Pollutant.	
<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>	
<p>WASTE DISPOSAL METHOD Do not contaminate water, food, or feed by storage or disposal. This product, when spilled or disposed of, is a hazardous solid waste as defined in Resource Conservation Recovery Act regulations ( 40 CFR 261).</p> <p>Characteristic Waste:  Ignitable: D001</p>	
<b>SECTION 14 – TRANSPORT INFORMATION</b>	
<p><b><u>8oz Bottle:</u></b></p> <p><u>Ground:</u> 49 CFR DOT: None</p> <p><u>Air:</u> IATA HAZARD CLASS/PACK GROUP: ID8000 Consumer commodities, Class 9 No PG {Labels – Up arrows}</p> <p><u>Ocean:</u> Marks – square on point display per 3.4.5.1</p>	
<p><b>NOTE:</b>  Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.</p>	

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**SECTION 15 – REGULATORY INFORMATION****TSCA (Toxic Substance Control Act)**

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

California: None known

Massachusetts: None regulated by MA Right To Know

New Jersey/: Decamethylcyclopentasiloxane 541-02-6 10-20%

Pennsylvania: Octamethylcyclotetrasiloxane 556-67-2 10-20%

Dimethyl siloxane, hydroxy-terminated 70131-67-8 3-10%

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**

311/312 Hazard Categories

Immediate health, fire hazard

313 Reportable Ingredients:

None

**CERCLA (Comprehensive Response Compensation and Liability Act)**

None

California Prop 54, Safe Drinking Water and Toxic Enforcement Act of 1986

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

**CPR (Canadian Controlled Products Regulations)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: B3, D2B

**IDL (Canadian Ingredient Disclosure List)**

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 3.

**DSL/NDSL (Canadian Domestic Substances List/Non-Domestic Substance List)**

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 1

VbK Index: A II

Risk Phrases

**SYMBOL(S) REQUIRED  
FOR LABEL**

Safety Phrases

S25 Avoid contact with eyes

S28 After contact with skin, wash immediately with plenty of soap and water.

**SECTION 16 – OTHER INFORMATION**

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

**HMIS HAZARD RATINGS**

\* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

4 = EXTREME

**HEALTH****1****FLAMMABILITY****2****PHYSICAL HAZARD****0****REVISION SUMMARY:****The transportation information has been updated.****MSDS Prepared by:****Karen M. Norkaitis January 12, 2011**

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.