



# MATERIAL SAFETY DATA SHEET

01/08/10

## SECTION I - PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** Spectrum Products  
7100 Spectrum Lane  
Missoula, Montana  
59808

**EMERGENCY TELEPHONE:** 406-542-9781  
Tott Free: 800-791-8056

Trade Name: Spectra Shield™  
Identification Number: **STS-100**  
Product Use/ Class: Specialty Cleaner

## SECTION II - COMPOSITION/ INFORMATION ON INGREDIENTS

<u>Item</u>	<u>Chemical Name</u>	<u>CAS NO.</u>	<u>% By Wt.</u> <u>less than</u>
01	Lanolin	8006-54-0	<20%
02	mineral spirits	64742-47-8	<90%
Non-hazardous Ingredients			Balance

### Exposure limits:

<u>Item</u>	<u>TLV/TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>	<u>SKIN</u>
01	N.E.	N.E.	N.E.	N.E.	NO
02	400ppm	300ppm	100ppm		

(See Section 16 for abbreviation legend)

## SECTION III - HAZARDS IDENTIFICATION

**\*\*\*EMERGENCY OVERVIEW\*\*\*:** Harmful if swallowed.

**Effects of Overexposure - Eye Contact:** Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. May cause permanent eye damage if not treated immediately.

**Effects of Overexposure - Skin Contact:** Prolonged or repeated exposures can irritate skin. Reaction may be more severe if there is skin abrasion(s). Allergic sensitization in susceptible individuals is possible.

**Effects of Overexposure - Inhalation:** Prolonged inhalation may be harmful. May cause irritation to nose and throat.

**Effects of Overexposure - Ingestion:** Irritating to mouth, throat and stomach. May cause discomfort, nausea, vomiting, diarrhea if swallowed.

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### SECTION III - HAZARDS IDENTIFICATION (continued)

**Effects of Overexposure - Potential Chronic Hazards:** Repeated skin contact may cause a persistent irritation or dermatitis. The substance may be toxic to skin, eyes, central nervous system (CNS). May be toxic to blood, kidneys, lungs, the nervous system, mucous membranes, gastrointestinal tract, upper respiratory tract, ears.

**Primary Routes of Entry:** Skin contact, skin absorption, inhalation, ingestion, eye contact

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### SECTION IV - FIRST AID MEASURES

**First Aid - Eye Contact:** Remove contact lenses. IMMEDIATELY FLUSH EYES WITH WATER FOR 15 MINUTES. Get medical attention immediately.

**First Aid - Skin Contact:** Wash with copious amounts of soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**First Aid - Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**First Aid - Ingestion:** If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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### SECTION V - FIRE AND EXPLOSION INFORMATION

**Flash Point:** 150°F (C.C.C.)

**Flammable Limits:** LEL: N.A. UEL: N.A.

**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical, water.

**Special Fire Fighting Procedures:** COMBUSTIBLE! If storage containers are involved in fire, keep cool with water spray to prevent pressure build-up. As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

**Unusual Fire and Explosion Hazard:** "Empty" containers retain some product residue (liquid and/or water vapor) and can be dangerous when pressurized. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

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### SECTION VI - ACCIDENTAL RELEASE MEASURES

**Steps to be taken in case material is released or spilled:** Caution: COMBUSTIBLE! Absorb spill with inert material (e.g. dry sand or earth) then place in a flammable waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Follow all government regulations.

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### SECTION VII - HANDLING AND STORAGE

**Handling:** Wash thoroughly after handling. Do not get into eyes, on skin or on clothing.

**Storage:** Keep container closed when not in use. Store in corrosion resistant containers. Store in flammable storage area away from incompatible materials. Do not expose to heat, sparks or flames. Store under a controlled environment with adequate ventilation. Avoid excessive heat.

## SECTION VIII - EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Engineering Controls:** Good general ventilation should be sufficient to control airborne levels. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**Respiratory Protection:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace condition warrant a respirator's use.

**Skin Protection:** Rubber, neoprene or polyvinyl chloride impervious gloves may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.. Consult your glove manufacturer for compatibilities.

**Eye Protection:** Wear chemical splash goggles. DO NOT WEAR CONTACT LENSES.

**Other Protective Equipment:** Wear suitable protective clothing to minimize and/or prevent contact. An eye-wash and safety shower should be present in the immediate area when handling this product.

**Hygienic Practices:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in well ventilated area. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues. Avoid contact with eyes, skin and clothing.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b>	192°F	<b>Melting/Freezing Point:</b>	N.D.
<b>Odor:</b>	Hydrocarbon solvent odor	<b>Appearance:</b>	Clear, pale-yellow
<b>Specific Gravity:</b>	~0.8	<b>Solubility in Water:</b>	Insoluble
<b>Vapor Density:</b>	heavier than air	<b>Vapor Pressure:</b>	0.7 Kpa at 70 deg.F.
<b>Physical State:</b>	Liquid	<b>Odor threshold:</b>	N.D.
<b>Evaporation Rate:</b>	N.D.	<b>pH @ 100 %:</b>	N.D.
<b>Viscosity:</b>	N.D.	<b>Coeff. of water/oil dist.:</b>	N.D.

(See Section 16 for abbreviation legend)

## SECTION X - STABILITY AND REACTIVITY

**Stability:** This product is stable under normal storage conditions.

**Conditions to Avoid:** Heat/flames and oxidizing materials.

**Incompatibility:** Oxidizers.

**Hazardous Decomposition or byproducts:** Carbon dioxide, carbon monoxide

**Hazardous Polymerization:** Will not occur under normal conditions.

## SECTION XI - TOXICOLOGICAL PROPERTIES

**Threshold Limit Value:** LD 50 (ORAL-RAT) >5000 mg/kg  
LD 50 (DERMAL-RABBIT) >2000 mg/kg

**Carcinogenicity:** NTP: N.A. IARC Monographs: N.A. OSHA Regulated: N.A.

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**SECTION XII - ECOLOGICAL PROPERTIES**

**Ecological Information:** No information.

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**SECTION XIII - DISPOSAL CONSIDERATIONS**

**Disposal Method:** Follow all federal, state and local regulations. Store and dispose of in acceptable containers for flammable liquids.

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**SECTION XIV - TRANSPORTATION INFORMATION**

**DOT Classification:** CLASS 3; Combustible liquid.  
**Identification:** Petroleum distillate, n.o.s., UNNA: 1268

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**SECTION XV - REGULATORY INFORMATION**

**U.S. Federal Regulations as follows:**

**OSHA:** Hazardous by definition of Hazard Communication Standard (29CFR 1910.1200)

**SARA Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

No SARA Section 313 components exist in this product.

**Canada Regulations as follows:**

**WHMIS:** The Canadian Workplace Hazardous Materials Information System classification for this product is:

B3 - combustible liquid with a flash point between 37.8°C and 93.3°C

Refer elsewhere in the MSDS for specific warnings and safe handling information. Refer to the employer's workplace education program.

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**SECTION XVI - OTHER INFORMATION**

**NFPA Ratings:**      **Health:** 1                      **Flammability:** 2                      **Reactivity:** 0

**Date Prepared:** 11/18/2009  
**Date Revised:** 01/08/2010  
**Reason for Revision:** Update  
**Previous Revision Date:** 11/18/2009

**Signature of Preparer:**



**Legend:**      N.A. - Not Applicable                      N.E. - Not Established                      N.D. - Not Determined

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