

**SECTION I - PRODUCT IDENTIFICATION**

**Product Name:** Super Hil-Tone  
**Product Use:** Floor care  
**WHMIS Class:** Class D - Division 2B  
**TDG Classification:** Not regulated as dangerous goods.  
**Manufacturer/Supplier:** Hillyard Industries  
 302 North Fourth Street  
 St. Joseph, MO 64501 US  
 Phone: 1-816-233-1321  
 Emergency Phone: 1-800-424-9300 (CHEMTREC)

LEGEND HMIS/NFPA		Health	/	1
Severe	4	Flammability		1
Serious	3	Physical Hazard		0
Moderate	2	Personal Protection		B
Slight	1			
Minimal	0			



**SECTION II - HAZARDOUS INGREDIENTS**

<u>In</u> redient(s)	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Stoddard solvent	8052-41-3	1 - 5	100 ppm - TWA	> 5500 mg/m3 rat	5000 mg/kg rat

**SECTION III - PHYSICAL DATA**

<b>Boiling Point:</b>	151.66 °C (305 °F)	<b>Specific Gravity:</b>	0.86 @25°C
<b>Freezing Point:</b>	Not available	<b>Coefficient of Water/Oil Distribution:</b>	Not available
<b>Vapour Pressure:</b>	6.6 mmHg	<b>% Volatile:</b>	6
<b>Vapour Density:</b>	4.7 (air=1)	<b>Evaporation Rate:</b>	< 1 (ethyl ether=1)
<b>Solubility in Water:</b>	Negligible	<b>pH:</b>	Not available
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Not available
<b>Appearance:</b>	Slightly yellow Clear / Translucent Liquid	<b>Odour Threshold:</b>	Not available
<b>Odour:</b>	Pleasant		

**SECTION IV - FIRE AND EXPLOSION DATA**

<b>Flammability:</b>	Not flammable by WHMIS criteria.		
<b>Flash Point (Pensky-Martens Closed Cup):</b>	107.22 °C (225 °F)	<b>LEL:</b>	Not available
		<b>UEL:</b>	Not available
<b>Hazardous Combustion Products:</b>	May include and are not limited to: Oxides of carbon.		
<b>Autoignition Temperature:</b>	243 °C (469.40 °F)		
<b>Explosion Data:</b>			
<b>Sensitivity to Mechanical Impact:</b>	Not available		
<b>Sensitivity to Static Discharge:</b>	Not available		
<b>Means of Extinction:</b>	Dry chemical. Foam. Carbon dioxide. Water spray.		
<b>Special Fire Hazards:</b>	Firefighters should wear a self-contained breathing apparatus.		

**SECTION V - REACTIVITY DATA**

<b>Conditions for Chemical Instability:</b>	Stable under recommended storage conditions.
<b>Incompatible Materials:</b>	Acids. Oxidizers. Caustics.
<b>Reactivity, and Under What Conditions:</b>	Do not mix with other chemicals.
<b>Hazardous Decomposition Products:</b>	May include and are not limited to: Oxides of carbon.

**SECTION VI - TOXICOLOGICAL PROPERTIES**

**Route of Entry:** Eye, Skin contact, Inhalation, Ingestion.

**EFFECTS OF ACUTE EXPOSURE:**

**Eye:** May cause irritation.  
**Skin:** May cause irritation.

**Inhalation:** Inhalation of vapours in high concentration may cause irritation of respiratory system, headache, dizziness, and nausea.

**Ingestion:** May cause stomach distress, nausea or vomiting. Aspiration of material into lungs can cause chemical pneumonitis.

#### EFFECTS OF CHRONIC EXPOSURE:

**Skin:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Irritancy:** May cause irritation.

**Respiratory Tract Sensitization:** Non-hazardous by WHMIS criteria.

**Carcinogenicity:** Non-hazardous by WHMIS criteria.

**Teratogenicity:** Non-hazardous by WHMIS criteria.

**Mutagenicity:** Non-hazardous by WHMIS criteria.

**Reproductive Effects:** Non-hazardous by WHMIS criteria.

**Name of Toxicologically Synergistic Products:** Not available

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## SECTION VII - PREVENTATIVE MEASURES

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**Gloves:** Not normally required when used as directed. Protective gloves are recommended for prolonged or repeated exposure. Confirm with a reputable supplier first.

**Eye Protection:** Wear safety glasses with side shields.

**Respiratory Protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**Other Protective Equipment:** As required by employer code.

**Engineering Controls:** Local exhaust recommended.

**Leak and Spill Procedure:** Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

**Waste Disposal:** Review federal, provincial, and local government requirements prior to disposal.

**Handling Requirements:** Use good industrial hygiene practices in handling this material. Do not breathe vapours or spray mist. Use only with adequate ventilation. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

**Storage Requirements:** Keep out of reach of children. Store in a closed container away from incompatible materials.

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## SECTION VIII - FIRST AID

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**Eye:** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation develops or persists.

**Skin:** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

**Inhalation:** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion:** Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

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## SECTION IX - PREPARATION INFORMATION

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**Effective Date:** 01-Apr-2011

**Expiry Date:** 01-Apr-2014

**Prepared By:** Dell Tech Laboratories Ltd. (519) 858-5021

For an updated MSDS, please contact the supplier/manufacture listed on the first page of the document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.