



ENFORCER Products  
 A Division of Acuity Specialty Products  
 Group, Inc.  
 P.O. Box 1060  
 Cartersville, GA 30120  
 1-888-805-HELP

# Material Safety Data Sheet and Safe Handling and Disposal Information

## Section 1. Chemical Product and Company Identification

**Product Name**            **Stainless Steel Cleaner**

**SLSS16**

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**Product Code**

**Date of issue**            **02/27/04**                    **Supersedes** 07/27/01

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**Emergency telephone number**    **For MSDS Information:**  
 Compliance Services (404) 352-1680

**For a Medical Emergency:**  
 INFOTRAC  
 (877) 541-2016 (Toll Free - Calls Recorded)

**For a Transportation Emergency:**  
 CHEMTREC  
 (800) 424-9300 (Toll Free - Calls Recorded)

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**Prepared by**                    Compliance Services Group  
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## Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
Naphthenic Oil; Paraffin Oil; Severely Hydrotreated Heavy Naphthenic Distillate	64742-52-5	60-70	<b>ACGIH TLV (United States).</b> : 5 mg/m <sup>3</sup> 8 hour(s). <b>OSHA PEL (United States).</b> : 5 mg/m <sup>3</sup> 8 hour(s).
PETROLEUM SPIRITS; vm&p naphtha; refined solvent naphtha	8032-32-4	10-20	<b>ACGIH (United States).</b> TWA: 300 ppm <b>OSHA (United States).</b> STEL: 400 ppm
HYDROTREATED LIGHT PETROLEUM DISTILLATES	84742-47-8	1-10	Not established
D-LIMONENE - orange distillate; citrus terpene; cyclohexene, 1-methyl-4-(1-methylethenyl)-, (R)-	5989-27-5	1-5	Not established
ISOPROPYL ALCOHOL; ipa; dimethylcarbinol; 2-propanol	67-63-0	1-5	<b>ACGIH TLV (United States).</b> TWA: 200 ppm 8 hour(s). <b>OSHA PEL (United States).</b> TWA: 400 ppm 8 hour(s). <b>ACGIH/OSHA (United States).</b> STEL: 400 ppm 15 minute(s).

## Section 3. Hazards Identification

**Acute Effects**                    **Routes of Entry** Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

**Skin**                                Hazardous in case of skin contact (irritant, permeator). Direct contact may cause irritation and redness. Prolonged or repeated contact may dry skin and cause irritation.

**Eyes**                                Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation** Hazardous in case of inhalation. Can cause central nervous system depression.

**Ingestion** Harmful if swallowed. Aspiration hazard if swallowed- can enter lungs and cause damage.

HMIS	
<b>Health</b>	<b>1</b>
<b>Fire Hazard</b>	<b>3</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**Carcinogenic Effects**            Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects**                    Hazardous in case of inhalation (lung irritant).  
 Repeated or prolonged exposure to the substance can produce nervous system damage.  
**See Toxicological Information (section 11)**

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse. Get medical attention if irritation develops.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Ingestion</b>	Aspiration hazard if swallowed- can enter lungs and cause damage. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Not available.	<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Flammable aerosol (CSMA)		
<b>Fire Hazard</b>	CONTENTS UNDER PRESSURE. Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back.		
<b>Fire-Fighting Procedures</b>	Use DRY chemicals, CO <sub>2</sub> , water spray or foam. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		


**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Large spills are unlikely due to packaging.
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**Section 7. Handling and Storage**

<b>Handling</b>	CONTENTS UNDER PRESSURE. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Keep away from heat, sparks and flame. Do not puncture or incinerate container.
<b>Storage</b>	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Store between 40°F - 120°F (4.4°C - 49°C). Avoid all possible sources of ignition (spark or flame). Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection**

<b>Personal Protection</b>		<b>Protective Clothing (Pictograms)</b>
<b>Eyes</b>	Safety glasses.	
<b>Body</b>	For prolonged or repeated handling, use gloves	
<b>Respirator</b>	Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.	

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid. (Aerosol.)	<b>Color</b>	Amber.
<b>pH</b>	Not applicable.	<b>Odor</b>	Pleasant.
<b>Boiling Point</b>	82°C (179.6°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	0.856 (Water = 1)	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Partially soluble in cold water, hot water.	<b>Evaporation Rate</b>	<1 compared to Water
		<b>VOC (Consumer)</b>	304 (g/l).

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Reactive with alkalis.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	carbon oxides (CO, CO <sub>2</sub> )

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	<b>Petroleum spirits:</b>
	VAPOR (LC50): Acute: 3400 ppm 4 hour(s) [Rat].
	<b>d-Limonene:</b>
	ORAL (LD50): Acute: 5600 mg/kg [Mouse]. 4400 mg/kg [Rat].
	DERMAL (LD50): Acute: >5000 mg/kg [Rabbit].
	<b>Isopropyl Alcohol:</b>
	ORAL (LD50): Acute: 5045 mg/kg [Rat].

**Section 12. Ecological Information****Ecotoxicity** Not available.**Biodegradable/OEC** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**Waste Stream** Non-regulated waste**Consult your local or regional authorities.****Section 14. Transport Information****Proper shipping name** Consumer Commodity**DOT Classification** ORM-D**UN number** Not available.**TDG Classification** Consumer Commodity ORM-D**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

**State Regulations** California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute : Benzene, Toluene**WHMIS (Canada)** Class B-5: Flammable aerosol.

Class D-1B: Material causing immediate and serious toxic effects (TOXIC).

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*