


# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b> Sheila Shine (Liquid)		
GENERAL USE: Polishing agent, Cleaner. Do not use on Floors and Bathtubs. May pose slipping hazard.		
PRODUCT DESCRIPTION: Clear liquid, wintergreen odor. <b>USA and Canada</b>		
MANUFACTURER'S NAME Sheila Shine, Inc.		DATE PREPARED: July 26, 2007
ADDRESS (NUMBER, STREET, P.O. BOX) 1201 NW 1st Ave.		SUPERSEDES: May 22, 2007
(CITY, STATE AND ZIP CODE) Miami, FL 33136		TELEPHONE NUMBER FOR INFORMATION (305) 379-1881
COUNTRY USA		EMERGENCY TELEPHONE NUMBER ChemTel Inc. 1- (800) 255-3924 Intl. + 01 (813) 248-0585
DISTRIBUTOR'S NAME Same		
ADDRESS (NUMBER, STREET, P.O. BOX)		TELEPHONE NUMBER FOR INFORMATION
(CITY, STATE AND ZIP CODE)		EMERGENCY TELEPHONE NUMBER

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## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	%	OSHA PEL		ACGIH TWA		SARA TITLE III	RQ LBS
			PPM	MG/M3	PPM	MG/M3		
Perchloroethylene (a,b,c,d,e,f,g)	127-18-4	10 -30	100	200	25		Yes	100
Severely solvent refined light paraffinic petroleum oil	64741-89-5	30 - 60	5 (oil mist)					
Xylene (mixed) (a,b,c)	1330-20-7	7 - 13	100	435	100		Yes	1000
Heavy paraffinic petroleum oil (h)	64741-88-4	10 - 30	5 (mist)		5 (mist)			
Ethylbenzene (a,c,d)	100-41-4	1 - 5	100	435	125	545	Yes	1000
Methyl salicylate	119-36-8	< 0.1	not established					
(a,c) See Section 15								
(b) Indicates that the Resource Conservation and Recovery Act (RCRA) has determined the waste for this chemical is listed as hazardous and must be handled according to regulations in 40 CFR 260-281.								
(d) Indicates substance appears on National Toxicology Program (NTP) list of carcinogens, International Agency for Research on Cancer (IARC) list of carcinogens or is regulated by the Occupational Safety and Health Administration (OSHA) as a possible carcinogen.								
(e) Indicates listing in Table Z - 2, 29 CFR 1910.1000, value shown is 8-hour Time Weighted Average. See table for acceptable ceiling concentration limits and acceptable maximum peak above the acceptable ceiling concentration.								
(f) California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986, chemicals known to the state to cause cancer or reproductive toxicity. A person in the course of doing business must warn others who may consume, come into contact with, or otherwise be exposed to this chemical.								
(g) Product is listed or defined as a marine pollutant in IMDG Code or 49 CFR 172.101 Appendix B, List of Marine Pollutants and must be classified as an Environmentally Hazardous Substance, Class 9, in addition to any other defined hazards for this product.								
(h) IARC has determined that residual fuels are possibly carcinogenic to humans. Handling procedures and safety precautions in the MSDS should be followed to minimize employee's exposure.								

## SECTION 3 - HAZARDS IDENTIFICATION

<b>EMERGENCY OVERVIEW</b>			
Danger! May be fatal if swallowed, inhaled or absorbed through the skin. Affects liver, kidneys, central nervous system and gastrointestinal tract. Causes severe eye irritation. Causes irritation to skin and respiratory tract. Environmental hazard. Flammable, harmful. Hazard Symbols - Xn, N. Risk Phrases - R40, 51/53			
<b>POTENTIAL HEALTH EFFECTS</b>			
INHALATION: High concentrations are irritating to the respiratory tract; may cause headache, dizziness, nausea, vomiting or even death in confined or poorly ventilated areas. The primary effect of inhalation is narcosis.			
SKIN: Brief contact may cause slight irritation; prolonged contact may cause moderate irritation or dermatitis. This problem may be accentuated by liquid becoming trapped against the skin by contaminated clothing and shoes.			
EYES: High vapor concentration or contact may cause irritation, discomfort or pain. May cause slight transient corneal injury.			
INGESTION: Swallowing of this material may result in irritation of the mouth and GI tract. Vomiting and subsequent aspiration into the lungs may lead to chemical pneumonia and pulmonary edema which is a potentially fatal condition.			
CARCINOGENICITY	NTP?	Yes	IARC MONOGRAPHS? Yes
This is or contains a component (perchloroethylene) that has been reported to be carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification. IARC Rating: 2A; NTP Rating: Clear evidence.			

OSHA REGULATED? No

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**SECTION 4 - FIRST AID MEASURES**

**INHALATION:** Remove affected person to fresh air; provide oxygen if breathing is difficult; if affected person is not breathing, administer CPR and seek emergency medical attention.

**SKIN:** Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

**EYES:** Check for and remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

**INGESTION:** If conscious drink large amounts of water; DO NOT induce vomiting. Take affected person immediately to a hospital; do not give anything by mouth to unconscious person.

**SECTION 5 - FIRE FIGHTING MEASURES**

FLASH POINT (METHOD USED)

132.8° F (56° C) TOC

FLAMMABLE LIMITS

LEL: Not determined

UEL: Not determined

AUTOIGNITION TEMPERATURE: Not determined

NFPA CLASS: **IC**

**GENERAL HAZARDS:** Product is flammable and vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame or high intensity source of heat such as welding spark. Products of combustion include compounds of carbon, chlorine, hydrogen and oxygen, including carbon monoxide and phosgene. Toxic gases will form upon combustion.

**EXTINGUISHING MEDIA**

Carbon dioxide, water fog, dry chemical, chemical foam. Do not use solid stream of water since stream will scatter and spread fire

**FIRE FIGHTING PROCEDURES**

Fire fighters should wear NIOSH / MSHA approved, self - contained breathing apparatus for possible exposure to hydrogen chloride and phosgene. Fine water spray can be used to keep fire - exposed containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Vapors concentrated in a confined or poorly ventilated area can be ignited upon contact with a high energy spark, flame or high intensity source of heat such as welding spark.

**HAZARDOUS COMBUSTION PRODUCTS**

In case of a fire, phosgene, chlorides, oxides of carbon, hydrocarbons, fumes or vapors, and toxic smoke may be produced.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** CAUTION - FLAMMABLE. Evacuate and ventilate area; confine and absorb into absorbent; place material into approved containers for disposal; for spills in excess of allowable quantities (RQ) notify the National Response Center (800) 424 - 8802; refer to CERCLA 40 CFR 302 and SARA Title III, Section 313 40 CFR 372 for detailed instructions concerning reporting requirements. Do not discharge into lakes, ponds, streams or public waters.

**SECTION 7 - HANDLING AND STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. CAUTION - FLAMMABLE - keep away from all sources of ignition. "Empty" containers may contain residue which may form explosive vapors. Do not weld or cut near empty container that has not been professionally reconditioned. Use non-sparking tools when opening and closing containers. Maintain well ventilated work areas to minimize exposure when handling this material. Do not use on Floors. May pose slipping hazard.

**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 or European Standard EN 149 for complete regulations. DO NOT enter low - lying areas without self - contained breathing apparatus where vapors may be present. Inhalation could be fatal.

**PROTECTIVE GLOVES:** Neoprene, butyl or nitrile rubber gloves with cuffs.

**EYE PROTECTION:** Chemical splash goggles. Refer to 29 CFR 1910.133 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.

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<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>				
VAPOR PRESSURE 10 mm Hg @ 20° C	VAPOR DENSITY (AIR = 1) > 1			
SPECIFIC GRAVITY (WATER = 1) 0.964	EVAPORATION RATE (n-Butyl Acetate = 1) < 1			
SOLUBILITY IN WATER Negligible	FREEZING POINT Not determined			
pH Not applicable	APPEARANCE AND ODOR Clear liquid, wintergreen odor			
BOILING POINT 234° F (112° C)	PHYSICAL STATE Liquid			
VISCOSITY Like that of water	VOLATILE ORGANIC COMPOUNDS (Total VOC's) 8.03 pounds / gallon (957 grams / liter)			
<b>SECTION 10 - STABILITY AND REACTIVITY</b>				
STABILITY	UNSTABLE: STABLE: X	CONDITIONS TO AVOID: Extreme temperatures, open flames.		
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers, strong acids.				
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		
<b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>				
Hazardous Ingredients	CAS #	EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Perchloroethylene (a,b,c,d,e,f,g)	127-18-4	204-825-9	2629 mg / kg Oral - rat	34,200 mg / m3 Inhalation - rat
Severely solvent refined light paraffinic petroleum oil	64741-89-5	265-091-3	> 5 gm / kg Oral - rat	Not established
Xylene (mixed) (a,b,c)	1330-20-7	215-535-7	4300 mg / kg Oral - rat	5000 ppm / 4H Inhalation - rat
Heavy paraffinic petroleum oil (h)	64741-88-4	265-090-8	> 5000 mg / kg Oral - rat	> 3.9 mg / liter Inhalation - rat
Ethylbenzene (a,c,d)	100-41-4	202-849-4	3500 mg / kg Oral - rat	4000 ppm/4H(LCLo) Inhalation - rat
Methyl salicylate	119-36-8	204-317-7	887 mg / kg Oral - rat	Not established
<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. One of the ingredients in this mixture (perchloroethylene) is classified as a Marine Pollutant.				
<b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>				
WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. This product may produce hazardous vapors in a closed disposal container creating a dangerous environment. Refer to 40 CFR 260 - 299 for complete waste disposal regulations. Consult your local, state, or federal agency before disposing of any chemicals. Do not flush to sanitary sewer or waterway.				
<b>SECTION 14 - TRANSPORT INFORMATION</b>				
PROPER SHIPPING NAME: Flammable liquids, toxic, n.o.s. (Petroleum distillates, Perchloroethylene)				
DOT HAZARD CLASS / Pack Group: 3 (6.1) / III		IATA HAZARD CLASS / Pack Group: 3 (6.1) / III		
REFERENCE: 49 CFR 173.150, .203, .242		IMDG HAZARD CLASS: 3 (6.1) / III		
UN / NA IDENTIFICATION NUMBER: UN 1992		RID/ADR Dangerous Goods Code: 3 (6.1) / III		
LABEL: FLAMMABLE, TOXIC		UN TDG Class / Pack Group: 3 (6.1) / III		
HAZARD SYMBOLS: F, T		Hazard Identification Number (HIN): 36		
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.				

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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.

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

311/312 Hazard Categories

Immediate health, fire hazard

313 Reportable Ingredients:

(a) Indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

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

(c) The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ for this mixture = 400 lbs) or greater amounts, according to 40 CFR 302.

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**

There is a reportable chemical present (perchloroethylene) 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, D1B, D2A, 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 2.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances 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 2 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.

**EC Risk Phrases**

R40 Limited evidence of a carcinogenic effect.  
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SYMBOL(S) REQUIRED FOR LABEL**

Harmful Environment  
 Hazard

**EC Safety Phrases**

S2 Keep out of the reach of children.  
 S23 Do not breathe vapour.  
 S36/37 Wear suitable protective clothing and gloves.  
 S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

### 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**

HEALTH	2	* = Chronic Health Hazard	2 = MODERATE
FLAMMABILITY	3	0 = INSIGNIFICANT	3 = HIGH
PHYSICAL HAZARD	0	1 = SLIGHT	4 = EXTREME
PERSONAL PROTECTIVE EQUIPMENT		B	Safety Glasses, Gloves

**REVISION SUMMARY:**

This MSDS has been revised in the following sections: No changes noted

MSDS Prepared by: Comprehensive Data Base, Inc.  
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 Intercession City, FL 33848 USA  
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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.