Page: 1/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

1 Identification

- · Product identifier
- · Trade name: Sheila Shine (Liquid)
- · Other means of identification: No other identifiers
- · Recommended use and restriction on use
- · Recommended use: Polishing agent/ Burnishing compound
- · Restrictions on use: No relevant information available.
- Details of the supplier of the Safety Data Sheet
- Manufacturer/Supplier:

Sheila Shine Inc. 7725 W 2nd Court Hialeah, FL 33014 Phone: (305) 557-1729

· Emergency telephone number:

ChemTel Inc.

(800)255-3924 (North America) +1 (813)248-0585 (International)

2 Hazard(s) identification

· Classification of the substance or mixture

Flam. Liq. 3 H226 Flammable liquid and vapor.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Carc. 1B H350 May cause cancer.

STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- · Label elements
- · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms:







GHS02 GHS07 GHS08

- · Signal word: Danger
- · Hazard statements:

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H350 May cause cancer.

H373 May cause damage to the hearing organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

(Cont'd. on page 2)

Page: 2/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

	(Cont'd. of page 1)
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection.
P301+P310	If swallowed: Immediately call a poison center/doctor.
P331	Do NOT induce vomiting.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with
	water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
	present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use foam, powder, or carbon dioxide for extinction.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international
	regulations.
. NEDA ratings (co	

· NFPA ratings (scale 0 - 4)



Health = 1 Fire = 2Instability = 0

· HMIS-ratings (scale 0 - 4)



2 Fire = 2

- * Indicates a long term health hazard from repeated or prolonged exposures.
- Other hazards There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Components:			
64741-89-5	Distillates (petroleum), solvent-refined light paraffinic	30-60%	
	🕸 Carc. 1B, H350		
127-18-4	tetrachloroethylene	10-30%	
	🗞 Carc. 2, H351		
64741-88-4	Distillates (petroleum), solvent-refined heavy paraffinic	10-30%	
	🕸 Carc. 1B, H350		
1330-20-7	Xylene	7-13%	
_	(Cont'd	on page 3)	

Page: 3/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

	(Cont'd	I. of page 2)
Acute Acute	Liq. 3, H226 ox. 1, H304 Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; SE 3, H335	
📗 🗼 Carc. 2	ene _iq. 2, H225 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304 Tox. 4, H332	1-5%

Additional information:

For the wording of the listed Hazard Statements, refer to section 16.

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

- Description of first aid measures
- After inhalation:

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

In case of irregular breathing or respiratory arrest provide artificial respiration.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Seek medical treatment in case of complaints.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

A person vomiting while lying on their back should be turned onto their side.

· Most important symptoms and effects, both acute and delayed:

Coughing

Dizziness

Breathing difficulty

Irritant to skin and mucous membranes.

Causes eve irritation.

Nausea

Gastric or intestinal disorders when ingested.

Disorientation

· Danger:

May be harmful if inhaled.

May be fatal if swallowed and enters airways.

Danger of impaired breathing.

Danger of disturbed cardiac rhythm.

Danger of convulsion.

Carcinogenic.

May cause damage to the hearing organs through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed:

Medical supervision for at least 48 hours.

(Cont'd. on page 4)

Page: 4/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 3)

Later observation for pneumonia and pulmonary edema.

If necessary oxygen respiration treatment.

Monitor circulation.

5 Fire-fighting measures

- Extinguishing media
- · Suitable extinguishing agents:

Water fog / haze

Foam

Fire-extinguishing powder

Carbon dioxide

- · For safety reasons unsuitable extinguishing agents: Water stream.
- · Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- Advice for firefighters
- · Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information:

Eliminate all ignition sources if safe to do so.

Cool endangered containers with water fog.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Particular danger of slipping on leaked/spilled product.

Environmental precautions

Do not allow to enter sewers/ surface or ground water.

Inform respective authorities in case of seepage into water course or sewage system.

· Methods and material for containment and cleaning up

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Remove from the water surface (e.g. skim or suck off).

Send for recovery or disposal in suitable receptacles.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- Handling
- · Precautions for safe handling:

(Cont'd. on page 5)

Page: 5/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 4)

Keep away from heat and direct sunlight.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Rags, metal wools / cuttings / shavings and waste papers soaked with product must be placed in a sealed metal container rated for flammable waste.

· Information about protection against explosions and fires:

Emergency cooling must be available in case of nearby fire.

Keep ignition sources away - Do not smoke.

Prevent impact and friction.

Flammable gas-air mixtures may be formed in empty containers/receptacles.

- Conditions for safe storage, including any incompatibilities
- Requirements to be met by storerooms and receptacles:

Avoid storage near extreme heat, ignition sources or open flame.

Store in cool, dry conditions in well sealed receptacles.

· Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

· Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

· Control parameters

Common parameters			
· Components with limit values that require monitoring at the workplace: 127-18-4 tetrachloroethylene			
PEL (USA)	Long-term value: 100 ppm Ceiling limit value: 200; 300* ppm *5-min peak in any 3 hrs		
REL (USA)	Minimize workplace exp. concs.;Pocket Guide App. A		
TLV (USA)	Short-term value: 685 mg/m³, 100 ppm Long-term value: 170 mg/m³, 25 ppm BEI		
EL (Canada)	Short-term value: 100 ppm Long-term value: 25 ppm IARC 2A		
EV (Canada)	Short-term value: 100 ppm Long-term value: 25 ppm		
LMPE (Mexico)	Short-term value: 100 ppm Long-term value: 25 ppm A3, IBE		
1330-20-7 Xyle	1e		
PEL (USA)	Long-term value: 435 mg/m³, 100 ppm		
REL (USA)	Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm		
TLV (USA)	Short-term value: 651 mg/m³, 150 ppm Long-term value: 434 mg/m³, 100 ppm BEI		

(Cont'd. on page 6)

Page: 6/14

Safety Data Sheet acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

	(Cont'd. of page 5)		
EL (Canada)	Short-term value: 150 ppm		
	Long-term value: 100 ppm		
EV (Canada)	Short-term value: 650 mg/m³, 150 ppm		
	Long-term value: 435 mg/m³, 100 ppm		
LMPE (Mexico)			
	Long-term value: 100 ppm		
400 44 4 54 11	A4, ÎBE		
100-41-4 Ethyll			
PEL (USA)	Long-term value: 435 mg/m³, 100 ppm		
REL (USA)	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm		
TLV (USA)	Long-term value: 87 mg/m³, 20 ppm BEI		
EL (Canada)	Long-term value: 20 ppm IARC 2B		
EV (Canada)	Short-term value: 540 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm		
LMPE (Mexico)	Long-term value: 20 ppm		
· Ingredients wit	th biological limit values:		
127-18-4 tetrac	hloroethylene		
BEI (USA) 3 pp	om		
1 1	Medium: end-exhaled air		
Time: prior to shift			
Para	Parameter: Tetrachloroethylene		
0.5 mg/L			
Medium: blood			
Time: prior to shift			
	Parameter: Tetrachloroethylene		
1330-20-7 Xyle			
BEI (USA) 1.5	g/g creatinine lium: urine		
	e: end of shift		
	ameter: Methylhippuric acids		
	100-41-4 Ethylbenzene		
	BEI (USA) 0.7 g/g creatinine		
Med	fium: urine		
	e: end of shift at end of workweek		
Para	Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)		
- Med	lium: end-exhaled air		
1 1	e: not critical		
	Parameter: Ethyl benzene (semi-quantitative)		
· Exposure controls			

• Exposure controls

General protective and hygienic measures:

(Cont'd. on page 7)

Page: 7/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 6)

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Do not carry product impregnated cleaning cloths in trouser pockets.

- · Engineering controls: No relevant information available.
- **Breathing equipment:**

Use suitable respiratory protective device in case of insufficient ventilation.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection may be advisable.

NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection:



Safety glasses

- · Body protection: Protective work clothing
- Limitation and supervision of exposure into the environment

No relevant information available.

· Risk management measures No relevant information available.

9 Physical and chemical properties

Appearance:	
Form:	Liquid
Color:	Clear
· Odor:	Pleasant
Odor threshold:	Not determined.
· pH-value:	Not determined.
· Melting point/Melting range:	Not determined.
· Boiling point/Boiling range:	112 °C (233.6 °F)
· Flash point:	56 °C (132.8 °F) (TOC)
· Flammability (solid, gaseous):	Not applicable.
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Danger of explosion:	Product is not explosive. However, formation of explosive ai vapor mixtures are possible.
	(Cont'd. on pa

Page: 8/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 7)

· Explosion limits

Lower: ~1.1 Vol %
Upper: ~7.0 Vol %

Oxidizing properties: Non-oxidizing.

· Vapor pressure at 20 °C (68 °F): 10 mmHg

· Density:

Relative density at 20 °C (68 °F): 0.964 g/cm³ (8.04 lbs/gal)

Vapor density at 20 °C (68 °F): > 1 (air = 1)

Evaporation rate at 20 °C (68 °F): < 1 (butyl acetate = 1)

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity

Dynamic: Not determined. Kinematic at 40 °C (104 °F): <20.5 mm²/s

• Other information No relevant information available.

10 Stability and reactivity

- · **Reactivity:** No relevant information available.
- · Chemical stability:
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

· Possibility of hazardous reactions

Develops readily flammable gases / fumes.

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.

Used empty containers may contain product gases which form explosive mixtures with air.

Toxic fumes may be released if heated above the decomposition point.

Reacts with strong acids and oxidizing agents.

Reacts with certain metals.

- · Conditions to avoid Excessive heat.
- · Incompatible materials No relevant information available.
- · Hazardous decomposition products

Carbon monoxide and carbon dioxide

Hydrocarbons

Chlorine compounds

11 Toxicological information

- Information on toxicological effects
- · Acute toxicity: Based on available data, the classification criteria are not met.
- · LD/LC50 values that are relevant for classification:

127-18-4 tetrachloroethylene

(Cont'd. on page 9)

Page: 9/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

		(Cont'd. of page 8)	
Oral	LD50	2629 mg/kg (rat)	
1330-20-7 Xylene		ene	
Oral	LD50	4300 mg/kg (rat)	
Dermal	LD50	2000 mg/kg (rabbit)	
	-	lbenzene	
Oral	LD50	3500 mg/kg (rat)	
		17800 mg/kg (rabbit)	
· Primary	Primary irritant effect:		

- · On the skin: Irritant to skin and mucous membranes.
- · On the eye: Causes eye irritation.
- · **Sensitization**: Based on available data, the classification criteria are not met.

· IARC (International Agency for Research on Cancer):				
127-18-4	tetrachloroethylene	2A		
100-41-4	Ethylbenzene	2B		
· NTP (National Toxicology Program):				
127-18-4	tetrachloroethylene	R		

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

Probable route(s) of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

- · Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: May cause cancer.
- · Reproductive toxicity: Based on available data, the classification criteria are not met.
- · STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure:

May cause damage to the hearing organs through prolonged or repeated exposure.

· **Aspiration hazard:** May be fatal if swallowed and enters airways.

12 Ecological information

- · Toxicity
- · Aquatic toxicity

Toxic to aquatic life wit	th long lasting effects.		
127-18-4 tetrachloroe	thylene		
LC50 4.99 mg/l (Onco	LC50 4.99 mg/l (Oncorhynchus mykiss)		
1330-20-7 Xylene	1330-20-7 Xylene		
LC50 13.4 mg/l (pimephales promelas)			
100-41-4 Ethylbenzen	10		
EC50 1-10 mg/kg (dap	phnia)		
LC50 1-10 mg/l (Gree	en Algae (chlorophyta))		
		(Cont'd. on page 10)	

Page: 10/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 9)

4.2 mg/l (Oncorhynchus mykiss)

- Persistence and degradability The product is partially biodegradable. Significant residuals remain.
- · Bioaccumulative potential: No relevant information available.
- · Mobility in soil: No relevant information available.
- Additional ecological information
- · General notes:

Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.

Do not allow product to reach ground water, water course or sewage system.

- Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · **vPvB:** Not applicable.
- · Other adverse effects No relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

· Class

· Label

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- Uncleaned packagings
- · **Recommendation:** Disposal must be made according to official regulations.

· UN-Number	
· DOT, ADR/RID/ADN, IMDG, IATA	UN1992
UN proper shipping name	
DOT	Flammable liquids, toxic, n.o.s. (Ethylbenzen Tetrachloroethylene)
· ADR/RID/ADN, IMDG	FLAMMABĹE ĹIQUID, TOXIC, N.O.S (ETHYLBENZENE, TETRACHLOROETHYLENE)
·IATA	Flammable liquid, toxic, n.o.s. (Ethylbenzen Tetrachloroethylene)
· Transport hazard class(es)	
· DOT	

3

(Cont'd. on page 11)

Page: 11/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 10)

· ADR/RID/ADN



· Class 3 (FT1)

Label

· IMDG, IATA



· Class 3 · Label 3

Packing group

· DOT, ADR/RID/ADN, IMDG, IATA

• Environmental hazards Product contains environmentally hazardous

substances: tetrachloroethylene

· Marine pollutant:



Yes

· Special precautions for user Warning: Flammable liquids

Danger code (Kemler): 30 F-E,S-D

· **Segregation groups** Liquid halogenated hydrocarbons

· Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

- Transport/Additional information:
- · DOT



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

Labeling as a Marine Pollutant is only required for bulk single package shipments. Bulk packaging consists of a maximum capacity of greater than 450 L (119 gallons) for a liquid and a maximum net mass greater than 400 kg (882 pounds) for a solid. (See 171.4(c))

ADR/RID/ADN



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

(Cont'd. on page 12)

Page: 12/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 11)

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 5.2.1.8.1)

· IMDG



Limited Quantity for packages less than 30 kg gross and inner packagings less than 5 L each.

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 2.10.2.7)

·IATA



Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 L each / 2 L net

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- · United States (USA)
- ·SARA
- · Section 302 (extremely hazardous substances):

None of the ingredients are listed.

Section 355 (extremely hazardous substances):

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

127-18-4 tetrachloroethylene

1330-20-7 Xylene

100-41-4 Ethylbenzene

· TSCA (Toxic Substances Control Act)

All ingredients are listed.

- · Proposition 65 (California)
- · Chemicals known to cause cancer:

127-18-4 tetrachloroethylene

100-41-4 Ethylbenzene

· Chemicals known to cause developmental toxicity for females:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity for males:

(Cont'd. on page 13)

Page: 13/14

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

		(Cont'd. of page 12)		
None of the ingredients are listed.				
· Chemicals	· Chemicals known to cause developmental toxicity:			
None of th	None of the ingredients are listed.			
· EPA (Envi	ronmental Protection Agency):			
127-18-4	tetrachloroethylene	L		
1330-20-7	Xylene	I		
100-41-4	Ethylbenzene	D		
· IARC (Inte	rnational Agency for Research on Cancer):			
127-18-4	etrachloroethylene	2A		
100-41-4	Ethylbenzene	2B		
· Canadian Domestic Substances List (DSL) (Substances not listed.):				
All ingredie	nts are listed.			

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistant, Bio-accumulable, Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health Administration

Flam. Liq. 2: Flammable liquids - Category 2

Flam. Liq. 3: Flammable liquids - Category 3

Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A

Carc. 1B: Carcinogenicity – Category 1B Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard - Category 1

Sources

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/ overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

(Cont'd. on page 14)

Page: 14/14

Safety Data Sheet acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: December 07, 2018 Revision: December 07, 2018

Trade name: Sheila Shine (Liquid)

(Cont'd. of page 13)

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