

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 08/20/2015

Reviewed on 08/20/2015

1 Identification

- **Product identifier**
- **Trade name:** Sheila Shine (Liquid)
- **Article number:** No other identifiers
- **Recommended use and restriction on use**
- **Recommended use:** Polishing agent/ Burnishing compound
- **Restrictions on use:** No further 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, +1 (813)248-0585

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Carc. 1B H350 May cause cancer.

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



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

- **Additional information:**

There are no other hazards not otherwise classified that have been identified.

0 percent of the mixture consists of ingredient(s) of unknown toxicity.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS02 GHS07 GHS08

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- **Signal word** Danger

- **Hazard-determining components of labeling:**

Distillates (petroleum), solvent-refined light paraffinic
ethylbenzene

Distillates (petroleum), solvent-refined heavy paraffinic
tetrachloroethylene

- **Hazard statements**

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H350 May cause cancer.

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

- **Precautionary statements**

P201 Obtain special instructions before use.

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

P210 Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P260 Do not breathe mist/vapors/spray.

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection.

P240 Ground/bond container and receiving equipment.

P233 Keep container tightly closed.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 3

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = *1

Fire = 3

Reactivity = 0

* - Indicates a long term health hazard from repeated or prolonged exposures.

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

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· vPvB: Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

64741-89-5	Distillates (petroleum), solvent-refined light paraffinic ⚠ Carc. 1B, H350	30-60%
127-18-4	tetrachloroethylene ⚠ Carc. 2, H351	10-30%
64741-88-4	Distillates (petroleum), solvent-refined heavy paraffinic ⚠ Carc. 1B, H350	10-30%
1330-20-7	xylene ⚠ Flam. Liq. 3, H226 ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	7-13%
100-41-4	ethylbenzene ⚠ Flam. Liq. 2, H225 ⚠ Carc. 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304 ⚠ Acute 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 exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Take affected persons out into the fresh air.
- **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.
If skin irritation continues, consult a doctor.
- **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.
A person vomiting while lying on their back should be turned onto their side.
Do not induce vomiting; immediately call for medical help.

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- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
 - Coughing
 - Dizziness
 - Breathing difficulty
 - Irritant to skin and mucous membranes.
 - Nausea
 - Slight irritant effect on eyes.
 - Gastric or intestinal disorders when ingested.
 - Disorientation
- **Danger**
 - Danger of disturbed cardiac rhythm.
 - Danger of convulsion.
 - Carcinogenic.
 - May be harmful if inhaled.
- **Indication of any immediate medical attention and special treatment needed**
 - Medical supervision for at least 48 hours.
 - If necessary oxygen respiration treatment.
 - Monitor circulation.
 - Treat skin and mucous membrane with antihistamine and corticoid preparations.

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 receptacles 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.
 - Keep people at a distance and stay upwind.

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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).

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

Dispose contaminated material as waste according to item 13.

Used rags or other cleaning materials should be soaked with water and placed in a sealed container.

- **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**

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 receptacles.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

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

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

Store away from oxidizing agents.

- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

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· Control 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/m ³ , 100 ppm Long-term value: 170 mg/m ³ , 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 xylene

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI
EL (Canada)	Short-term value: 150 ppm Long-term value: 100 ppm
EV (Canada)	Short-term value: 650 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
LMPE (Mexico)	Short-term value: 150 ppm Long-term value: 100 ppm A4, IBE

100-41-4 ethylbenzene

PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
REL (USA)	Short-term value: 545 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
TLV (USA)	Long-term value: 87 mg/m ³ , 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm IARC 2B
EV (Canada)	Short-term value: 540 mg/m ³ , 125 ppm Long-term value: 435 mg/m ³ , 100 ppm
LMPE (Mexico)	Long-term value: 20 ppm

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· **Ingredients with biological limit values:**

127-18-4 tetrachloroethylene

BEI (USA) 3 ppm
 Medium: end-exhaled air
 Time: prior to shift
 Parameter: Tetrachloroethylene

0.5 mg/L
 Medium: blood
 Time: prior to shift
 Parameter: Tetrachloroethylene

1330-20-7 xylene

BEI (USA) 1.5 g/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Methylhippuric acids

100-41-4 ethylbenzene

BEI (USA) 0.7 g/g creatinine
 Medium: urine
 Time: end of shift at end of workweek
 Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

-
 Medium: end-exhaled air
 Time: not critical
 Parameter: Ethyl benzene (semi-quantitative)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

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 further 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

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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

- **Risk management measures**

See Section 7 for additional information.

No further relevant information available.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Liquid

Color: Clear

- **Odor:** Pleasant

- **Odor threshold:** Not determined.

- **pH-value:** Not determined.

- **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 112 °C (234 °F)

- **Flash point:** 56 °C (133 °F) (TOC)

- **Flammability (solid, gaseous):** Not applicable.

- **Auto-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not self-igniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

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- **Explosion limits:**
 - Lower:** 1.1 Vol % (estimated)
 - Upper:** 7.0 Vol % (estimated)
- **Vapor pressure at 20 °C (68 °F):** 10 mmHg
- **Density at 20 °C (68 °F):** 0.964 g/cm³ (8.045 lbs/gal)
- **Relative density** Not determined.
- **Vapour 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:** Not determined.
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further 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** Keep ignition sources away - Do not smoke.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
Hydrocarbons
Chlorine compounds

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· LD/LC50 values that are relevant for classification:		
127-18-4 tetrachloroethylene		
Oral	LD50	2629 mg/kg (rat)

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1330-20-7 xylene

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
May be harmful if inhaled.
May cause acne.

· **Carcinogenic categories**· **NTP (National Toxicology Program)**

127-18-4 | tetrachloroethylene

R

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

None of the ingredients is listed.

· **Probable Routes of Exposure**

Ingestion.
Eye contact.
Skin contact.
Inhalation.

· **Repeated Dose Toxicity:**

Repeated exposure may cause skin dryness or cracking.
May cause damage to the hearing organs through prolonged or repeated exposure.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**

Carc. 1B

· **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** Based on available data, the classification criteria are not met.**12 Ecological information**· **Toxicity**· **Aquatic toxicity:** Toxic for aquatic organisms· **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.· **Behavior in environmental systems:**· **Bioaccumulative potential** No further relevant information available.· **Mobility in soil** No further relevant information available.· **Ecotoxicological effects:**· **Remark:**

Toxic for fish

Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

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- **Additional ecological information:**
- **General notes:**
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
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. Residual materials should be treated as hazardous.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|---|
| · UN-Number | UN1992 |
| · DOT, ADR, IMDG, IATA | |
| · UN proper shipping name | Flammable liquids, toxic, n.o.s. (Ethylbenzene, Tetrachloroethylene) |
| · DOT | |
| · ADR | 1992 FLAMMABLE LIQUID, TOXIC, N.O.S. (ETHYLBENZENE, TETRACHLOROETHYLENE), ENVIRONMENTALLY HAZARDOUS |
| · IMDG | FLAMMABLE LIQUID, TOXIC, N.O.S. (ETHYLBENZENE, TETRACHLOROETHYLENE), MARINE POLLUTANT |
| · IATA | Flammable liquid, toxic, n.o.s. (Ethylbenzene, Tetrachloroethylene) |
| · Transport hazard class(es) | |
| · DOT | |
|   | |
| · Class | 3 Flammable liquids |

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· Label 3

· ADR



· Class 3 (FT1) Flammable liquids

· Label 3

· IMDG



· Class 3 Flammable liquids

· Label 3

· IATA



· Class 3 Flammable liquids

· Label 3

· Packing group

· DOT, ADR, IMDG, IATA III

· Environmental hazards: Product contains environmentally hazardous substances: tetrachloroethylene

· Marine pollutant: Yes

· Special marking (ADR): Symbol (fish and tree)

· Special precautions for user: Symbol (fish and tree)

· Danger code (Kemler): Warning: Flammable liquids

· EMS Number: 30

· Segregation groups: F-E,S-D

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Liquid halogenated hydrocarbons

· Transport/Additional information: Not applicable.

· DOT

· Quantity limitations: On passenger aircraft/rail: 60 L
On cargo aircraft only: 220 L

· Remarks: Special marking with the symbol (fish and tree).

· ADR

· Excepted quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

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- **IMDG**
- **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- **UN "Model Regulation":** UN1992, Flammable liquids, toxic, n.o.s. (Ethylbenzene, Tetrachloroethylene), 3, III

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 is listed.

· **Section 304 (emergency release notification)**
 None of the ingredients is listed.

· **Sections 311/312 (hazardous chemical threshold planning quantity in pounds)**
 None of the ingredients is listed.

· **Section 355 (extremely hazardous substances):**
 None of the ingredients is 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 reproductive toxicity for females:**
 None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**
 None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**
 None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

127-18-4	tetrachloroethylene	L
1330-20-7	xylene	I

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100-41-4	ethylbenzene	D
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· **IARC (International Agency for Research on Cancer)**

127-18-4	tetrachloroethylene	2A
1330-20-7	xylene	3
100-41-4	ethylbenzene	2B

· **TLV (Threshold Limit Value established by ACGIH)**

127-18-4	tetrachloroethylene	A3
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

127-18-4	tetrachloroethylene	
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· **State Right to Know Listings**

None of the ingredients is listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

100-41-4	ethylbenzene	
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· **Canadian Ingredient Disclosure list (limit 1%)**

127-18-4	tetrachloroethylene	
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· **Other regulations, limitations and prohibitive regulations**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

· **Date of preparation / last revision** 08/20/2015 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Carc. 1B: Carcinogenicity, Hazard Category 1B
Carc. 2: Carcinogenicity, Hazard Category 2
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Sources

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com