



SAFETY DATA SHEET

Part No. 33993ZP (Liquid)

Print Date: 12/10/2020
Revision Date: 10/12/2020
Supersedes Date: 4/10/2019
Issue Date: 1/31/2006
Version: 6.0 (EN)-US
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Eastwood Diamond Clear Gloss for DTM & Painted Surface

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : Eastwood Diamond Clear Gloss for DTM & Painted Surface
Manufacturer Product Number : 33993ZP

1.2 Other Means of Identification

Other Identifiers : Not Available

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : Top coat used to protect and preserve painted surfaces
Restrictions on Use : None Identified

1.4 Manufacturer Details

Manufacturer Details		
Company Name	:	The Eastwood Company
Address	:	263 Shoemaker Road Pottstown, Pa 19464 United States
Phone Number	:	610-705-5422
Fax Number	:	610-323-6268
Website	:	http://www.Eastwood.com

1.5 24 hr Emergency Phone Number

Emergency Number : 800-424-9300
Chem-Tel

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Liq. 2	H225	Physical Hazards	Flammable liquids Category 2
Skin Irrit. 2	H315	Health Hazards	Skin corrosion/irritation Category 2
Eye Irrit. 2a	H319	Health Hazards	Serious eye damage/eye irritation Category 2A
Skin Sens. 1	H317	Health Hazards	Skin sensitization, Category 1
Muta. 1b	H340	Health Hazards	Germ cell mutagenicity Category 1B
Carc. 1b	H350	Health Hazards	Carcinogenicity Category 1B
Repr. 2	H361	Health Hazards	Reproductive toxicity Category 2
Stot Se 3	H336	Health Hazards	Specific target organ toxicity (single exposure) Category 3, Narcosis
Asp. Tox. 1	H304	Health Hazards	Aspiration hazard Category 1
Aquatic Acute 3	H402	Environmental Hazards	Hazardous to the aquatic environment - Acute Hazard Category 3
Aquatic Chronic 3	H412	Environmental Hazards	Hazardous to the aquatic environment - Chronic Hazard Category 3

2.2 Label Elements

Hazard Pictograms



GHS02



GHS07



GHS08

Signal Word

Danger

Hazard Statements

H225 : Highly flammable liquid and vapor



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H304 : May be fatal if swallowed and enters airways
H315 : Causes skin irritation
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
H336 : May cause drowsiness or dizziness
H340 : May cause genetic defects
H350 : May cause cancer
H361 : Suspected of damaging fertility or the unborn child
H402 : Harmful to aquatic life
H412 : Harmful to aquatic life with long lasting effects

Precautionary Statements

P202 : Do not handle until all safety precautions have been read and understood.
P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.
P261 : Avoid breathing fumes.
P264 : Wash hands thoroughly after handling.
P271 : Use only outdoors or in a well-ventilated area.
P272 : Contaminated work clothing must not be allowed out of the workplace.
P273 : Avoid release to the environment.
P280 : Wear protective gloves and eye protection.
P301+P310 : If swallowed: Immediately call a POISON CENTER.
P303+P361+P353 : If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 : If inhaled: Remove person to fresh air and keep comfortable for breathing.
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.
P312 : Call physician if you feel unwell.
P331 : Do NOT induce vomiting.
P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 : If eye irritation persists: Get medical advice/attention.
P362+P364 : Take off contaminated clothing and wash it before reuse.
P370+P378 : In case of fire: Use water, CO2, dry chemical, or universal aqueous film forming foam to extinguish.
P403+P233 : Store in a well-ventilated place. Keep container tightly closed.
P235 : Keep cool.
P405 : Store locked up.
P501 : Dispose of contents/container to applicable regulations.

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

2.4 Unknown acute toxicity

This product does not have any ingredients with an unknown acute toxicity.

22.55% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

27.05% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

22.55% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (vapors))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture



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3.2 Composition

Substance name	CAS Number	% wt*	Classification
Acetone	67-64-1	30 - 60	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Methyl Acetate	79-20-9	10 - 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
4-Chlorobenzotrifluoride	98-56-6	10 - 30	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Hydrotreating Light Process Distillate	68410-97-9	1 - 5	Asp. Tox. 1, H304
Solvent Naphtha (Petroleum), Light Aliphatic	64742-89-8	1 - 5	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 STOT SE 3, H336 Asp. Tox. 1, H304
Xylene	1330-20-7	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Hydrotreated Light Petroleum Naphtha	64742-49-0	1 - 5	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Light Aromatic White Spirits	64742-82-1	1 - 5	Flam. Liq. 4, H227 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Ethyl Benzene	100-41-4	0.1 - 1	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Methyl Ethyl Ketoxime	96-29-7	0.1 - 1	Flam. Liq. 4, H227 Acute Tox. 4 (Inhalation:vapour), H332 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 2, H351
Bis(1,2,2,6,6-Pentamethyl-4-Piperidyl) Sebacate	41556-26-7	0.1 - 1	Flam. Liq. 4, H227 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Zirconium 2-Ethylhexanoate	22464-99-9	0.1 - 1	Repr. 2, H361

Full text of hazard classes and H-statements : see section 16

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 - FIRST-AID MEASURES

4.1 Description of First-Aid Measures

General Measures : Call a physician immediately.



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Inhalation	: Remove person to fresh air and keep comfortable for breathing.
Skin Contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	: Do NOT induce vomiting. Call a physician immediately.
First-Aid Responder Protection	: Wear adequate personal protective equipment based on the nature and severity of the emergency.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure	: Eye Irritation, Nose Irritation, Throat Irritation, Dermatitis, Central Nervous System Depression, Respiratory Irritation, Skin Irritation, Headache, Dizziness, Nausea, Narcosis, Upper Respiratory Tract Irritation, Drowsiness, Vomiting, Optical Nerve Damage, Cough, Chest Tightness, Mucous Membrane.
Delayed Effects	: No known delayed effects.
Immediate Effects	: No known immediate effects.
Chronic Effects	: Methyl alcohol may be fatal or cause blindness if swallowed. Because of defatting properties, repeated skin contact can cause skin damage such as chap, dermatitis, inflammation and the formation of eczema.
Target Organs	: Central Nervous System, Eyes, Gastrointestinal Tract, Respiratory System, Skin.

4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	: Treat symptomatically.
Specific Treatments/Antidotes	: No Information Available.
Medical Conditions Aggravated	: May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Extinguishing Media	: Water, carbon dioxide, dry chemical, universal aqueous film forming foam.
Unsuitable Media	: Water jet.

5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products	: Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.
Specific Hazards During Firefighting	: CONTENTS HIGHLY FLAMMABLE. In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions	: Use water spray to cool fire exposed containers, as contents can rupture violently from heat developed pressure.
Protection during Firefighting	: Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel	: No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
For Emergency Personnel	: Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.

6.2 Environmental Precautions

Environmental Precautions	: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
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6.3 Methods and Materials for Containment and Cleaning up

Containment Procedures	: Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.
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- Cleanup Procedures** : Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
- Other Information** : The North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.
- Prohibited Materials** : Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- General Handling Precautions** : KEEP OUT OF THE REACH OF CHILDREN. When using in spray application, conformance to NFPA 33 Spray Application using Flammable and Combustible Materials is recommended.
- Hygiene Recommendations** : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

7.2 Conditions for Safe Storage Including Any Incompatibilities

- Storage Requirements** : Storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.
- Incompatibilities** : Segregate storage away from materials indicated in Section 10.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Acetone (67-64-1)

ACGIH	ACGIH TWA (mg/m ³)	250 ppm
ACGIH	ACGIH Ceiling (mg/m ³)	500 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	2400 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	2500 ppm
NIOSH	NIOSH REL (TWA) [ppm]	250 ppm
California	California PEL (TWA) (mg/m ³)	1200 mg/m ³
California	California PEL (TWA) (ppm)	500 ppm
California	California PEL (STEL) (mg/m ³)	1780 mg/m ³
California	California PEL (STEL) (ppm)	750 ppm
California	California PEL (Ceiling) (ppm)	3000 ppm
Biological Exposure Index	Acetone in urine, End of shift (Ns)	25 mg/l

Methyl Acetate (79-20-9)

ACGIH	ACGIH TWA (mg/m ³)	200 ppm
ACGIH	ACGIH Ceiling (mg/m ³)	250 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	610 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
NIOSH	US IDLH (ppm)	3100 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	610 mg/m ³
NIOSH	NIOSH REL (TWA) [ppm]	200 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	760 mg/m ³
NIOSH	NIOSH REL (STEL) [ppm]	250 ppm
California	California PEL (TWA) (mg/m ³)	610 mg/m ³
California	California PEL (TWA) (ppm)	200 ppm
California	California PEL (STEL) (mg/m ³)	760 mg/m ³
California	California PEL (STEL) (ppm)	250 ppm

Solvent Naphtha (Petroleum), Light Aliphatic (64742-89-8)

OSHA	OSHA PEL (TWA) (mg/m ³)	2000 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
California	California PEL (TWA) (mg/m ³)	1350 mg/m ³
California	California PEL (TWA) (ppm)	300 ppm
California	California PEL (STEL) (mg/m ³)	1800 mg/m ³
California	California PEL (STEL) (ppm)	400 ppm



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Xylene (1330-20-7)

ACGIH	ACGIH TWA (mg/m ³)	100 ppm
ACGIH	ACGIH Ceiling (mg/m ³)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
NIOSH	US IDLH (ppm)	900 ppm
NIOSH	NIOSH REL (TWA) [ppm]	100 ppm
NIOSH	NIOSH REL (STEL) [ppm]	150 ppm
California	California PEL (TWA) (mg/m ³)	435 mg/m ³
California	California PEL (TWA) (ppm)	100 ppm
California	California PEL (STEL) (mg/m ³)	655 mg/m ³
California	California PEL (STEL) (ppm)	150 ppm
California	California PEL (Ceiling) (ppm)	300 ppm
Biological Exposure Index	Methylhippuric Acid in Urine (Post Shift), End of shift	1.5 g/g creatinine

Ethyl Benzene (100-41-4)

ACGIH	ACGIH TWA (mg/m ³)	20 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	435 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
NIOSH	US IDLH (ppm)	800 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	435 mg/m ³
NIOSH	NIOSH REL (TWA) [ppm]	100 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	545 mg/m ³
NIOSH	NIOSH REL (STEL) [ppm]	125 ppm
California	California PEL (TWA) (mg/m ³)	22 mg/m ³
California	California PEL (TWA) (ppm)	5 ppm
California	California PEL (STEL) (mg/m ³)	130 mg/m ³
California	California PEL (STEL) (ppm)	30 ppm
Biological Exposure Index	Sum of Mandelic Acid and Phenyl Glyoxylic Acid in Urine, End of shift at end of workweek	0.7 g/g creatinine

Light Aromatic White Spirits (64742-82-1)

OSHA	OSHA PEL (TWA) (ppm)	500 ppm
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Methyl Ethyl Ketoxime (96-29-7)

AIHA	WEEL TWA [ppm]	10 ppm
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8.2 Exposure Controls

Engineering Measures	: Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
Personal Protective Equipment	
Eye / Face Protection	: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.
Hand Protection	: Chemical-resistant gloves, tested according to ASTM F903-17.
Remarks	: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.
Skin and Body Protection	: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.
Respiratory Protection	: Respiratory protection is not anticipated to be needed.
Compliance	: If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
Other Protective Equipment	: Safety showers and eye-wash stations should be available in the workplace near where the material will be used.
Environmental Exposure Controls	: Avoid release to the environment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	> 55.80 °C	Melting / Freezing Point	> -100.00 °C
Flash Point, Liquid	> -18.00 °C		



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Explosive Limits	LEL: 0.70 UEL: 36.00 vol %	Autoignition Temperature, Liquid	> 200.00 °C
Flammability	Highly Flammable Liquid	Density	0.912 g/cm ³
Molecular Weight	Not Available	Weight	7.611 lbs/gal
Vapor Pressure	Not Available	pH	Not Available
Vapor Density	Not Available	Evaporation Rate (nBAC=1)	Not Available
Viscosity	15.10 cSt (centistoke)	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Liquid	Heat Of Combustion	Not Available
Appearance / Color	Water-white	Water Solubility	Not Available
Odor	Paint-like	Decomposition Temperature	Not Available

9.2 Environmental Properties

Percent Volatile	71.01 % wt	VOC Regulatory	313.19 g/L (2.61 lbs/gal)
Percent VOC	15.16 % wt	VOC Actual	138.25 g/L (1.15 lbs/gal)
Percent HAP	4.86 % wt	HAP Content	44.32 g/L (0.37 lbs/gal)
Global Warming Potential	0.15 GWP	Maximum Incremental Reactivity	0.7610 g O3/g
Ozone Depletion Potential	0.00 ODP		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : No specific test data related to reactivity is available for this products or its ingredients.

10.2 Chemical Stability

Chemical Stability : This product is stable.

10.3 Possibility of Hazardous Reactions

Hazardous Reactions : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

10.4 Conditions to Avoid

Conditions to Avoid : Electrostatic Discharge, Other Ignition Sources, Hot Surfaces, Heat, Flames, Sparks.

10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents, Strong Reducing Agents, Alkali Metals, Strong Acids, Potassium t-Butoxide, Bases, Calcium Hypochlorite, Hydrogen Peroxide, Perchloric Acid, Organic Peroxides.

10.6 Hazardous Decomposition Products

Thermal Decomposition : Oxides of carbon, Aldehydes, Formaldehyde, Methanol, Acetic Acid.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Acetone (CAS: 67-64-1 / EC: 200-662-2)

LD50 Oral (Rat)	5800 mg/kg (Sigma-Aldrich)
LD50 Dermal (Rabbit)	20000 mg/kg (IUCLID)
LC50 Inhalation (Rat)	76 mg/l/4h (GESTIS Substance Database)

4-Chlorobenzotrifluoride (CAS: 98-56-6 / EC: 202-681-1)

LD50 Oral (Rat)	13000 mg/kg (Hazardous Substances Data Bank)
LD50 Dermal (Rabbit)	3300 mg/kg (Sigma-Aldrich)
LC50 Inhalation (Rat)	33 mg/l/4h (Hazardous Substances Data Bank)

Methyl Acetate (CAS: 79-20-9 / EC: 201-185-2)

LD50 Oral (Rat)	6970 mg/kg (Lit.)
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Methyl Acetate (CAS: 79-20-9 / EC: 201-185-2)

LD50 Dermal (Rabbit)	> 5000 mg/kg (RTECS)
LC50 Inhalation (Rat)	> 49.28 mg/l/4h (External SDS)
LC50 Inhalation (Rat)	16000 - 32000 (ChemInfo)

Solvent Naphtha (Petroleum), Light Aliphatic (CAS: 64742-89-8 / EC: 265-192-2)

LD50 Oral (Rat)	> 5000 mg/kg (External SDS)
LD50 Dermal (Rabbit)	> 2000 mg/kg (External SDS)
LC50 Inhalation (Rat)	> 20 mg/l/4h (External SDS)

Xylene (CAS: 1330-20-7 / EC: 215-535-7)

LD50 Oral (Rat)	4300 mg/kg (RTECS)
LD50 Dermal (Rabbit)	12126 mg/kg (Sigma-Aldrich)
LC50 Inhalation (Rat)	21.7 mg/l/4h (GESTIS Substance Database)
LC50 Inhalation (Rat)	6700 ppm/4h (ChemInfo)

Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4)

LD50 Oral (Rat)	4720 mg/kg (ChemInfo)
LD50 Dermal (Rabbit)	15380 mg/kg (ChemInfo)
LC50 Inhalation (Rat)	17.2 mg/l/4h (IUCLID)
LC50 Inhalation (Rat)	4000 ppm/4h (ChemInfo)

Hydrotreated Light Petroleum Naphtha (CAS: 64742-49-0 / EC: 265-151-9)

LD50 Oral (Rat)	> 5800 mg/kg (External SDS)
LD50 Dermal (Rabbit)	> 2920 mg/kg (External SDS)
LC50 Inhalation (Rat)	> 23 mg/l/4h (External SDS)

Bis(1,2,2,6,6-Pentamethyl-4-Piperidyl) Sebacate (CAS: 41556-26-7 / EC: 255-437-1)

LD50 Oral (Rat)	> 2000 mg/kg (Lit.)
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Hydrotreating Light Process Distillate (CAS: 68410-97-9 / EC: 270-093-2)

LD50 Oral (Rat)	5170 mg/kg (RTECS)
LC50 Inhalation (Rat)	> 12408 ppm/4h (RTECS)

Light Aromatic White Spirits (CAS: 64742-82-1 / EC: 265-185-4)

LD50 Oral (Rat)	> 5000 mg/kg (Sigma-Aldrich)
LD50 Dermal (Rabbit)	> 2000 mg/kg body weight (Sigma-Aldrich)
LC50 Inhalation (Rat)	> 7.63 mg/l/4h (Sigma-Aldrich)

Zirconium 2-Ethylhexanoate (CAS: 22464-99-9 / EC: 245-018-1)

LD50 Oral (Rat)	> 5000 mg/kg (RTECS)
LD50 Dermal (Rabbit)	> 5000 mg/kg (RTECS)
LC50 Inhalation (Rat)	> 8800 mg/m ³ (RTECS)

Methyl Ethyl Ketoxime (CAS: 96-29-7 / EC: 202-496-6)

LD50 Oral (Rat)	> 930 mg/kg (RTECS)
LD50 Dermal (Rat)	> 2000 mg/kg (RTECS)
LD50 Dermal (Rabbit)	> 1000 mg/kg body weight (RTECS)
LC50 Inhalation (Rat)	20 mg/l/4h (Lit.)

Routes Of Exposure	: Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.
Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure	: See Section 4.2
Skin Corrosion/Irritation	: Causes skin irritation.
Eye Damage/Irritation	: Causes serious eye irritation.
Respiratory or Skin Sensitization	: May cause an allergic skin reaction.
Germ Cell Mutagenicity	: May cause genetic defects.
Reproductive Toxicity	: Suspected of damaging fertility or the unborn child.
STOT-Single Exposure	: May cause drowsiness or dizziness.
STOT-Repeated Exposure	: Not classified



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Aspiration Hazard

: May be fatal if swallowed and enters airways.

Carcinogen Data

: The following ingredients are listed as known or suspected carcinogens:

Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4)

IARC group	2B - Possibly Carcinogenic to Humans
ACGIH Category	A3 - Confirmed animal carcinogen with unknown relevance to humans

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity and Ecological Properties

Acetone (67-64-1)

LC50 Fish	5540 mg/l Rainbow Trout - 96hr
LC50 Fish	8300 mg/l Bluegill Sunfish - 96h
EC50 Daphnia	8800 mg/l Water Flea - 48hr
Persistence and Degradability	Biodegradability 90% / 28 days.
Biochemical Oxygen Demand	1.43 g O ₂ /g substance
Chemical Oxygen Demand	1.92 g O ₂ /g substance
Theoretical Oxygen Demand	2.2 g O ₂ /g substance
BCF Fish	0.69
BCF Other Aquatic Organisms	3
Log Pow	-0.24

4-Chlorobenzotrifluoride (98-56-6)

LC50 Fish	5.6 mg/l Bluegill Sunfish - 96h
LC50 Fish	13.5 mg/l Rainbow Trout - 24hr
Persistence and Degradability	Biodegradability in water: no data available.
Log Pow	3.6
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

Methyl Acetate (79-20-9)

LC50 Fish	250 - 350 mg/l Zebra Fish - 96hr
EC50 Daphnia	1026.7 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	> 120 mg/l Green Algae - 72hr
EC50 Other Aquatic Organisms	6100 mg/l Bacteria - 30min
Persistence and Degradability	Readily biodegradable in water. Inherently biodegradable. Highly mobile in soil.
Chemical Oxygen Demand	1511.8 mg/g
Theoretical Oxygen Demand	1510 mg/g
Biodegradation	70 % 28 Days
BCF Fish	< 1 (BCF)
Log Pow	0.18
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	0.68

Solvent Naphtha (Petroleum), Light Aliphatic (64742-89-8)

Persistence and Degradability	Expected to be readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.
Biodegradation	95 % 28 Days
Log Kow	2.1
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

Xylene (1330-20-7)

LC50 Fish	26.7 mg/l Fathead Minnow - 96h
EC50 Daphnia	75.49 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	72 mg/l Green Algae - 14d
Persistence and Degradability	Readily biodegradable in water.
Biochemical Oxygen Demand	1.40 - 2.53 g O ₂ /g substance
Chemical Oxygen Demand	2.56 - 2.91 g O ₂ /g substance
Theoretical Oxygen Demand	3.1 g O ₂ /g substance
BCF Fish	14.1 - 24 (BCF)
Log Pow	3.217
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).



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Xylene (1330-20-7)

Log Koc	3.156
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Ethyl Benzene (100-41-4)

LC50 Fish	4.2 mg/l Rainbow Trout - 96hr
EC50 Daphnia	2.4 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	9.68 mg/l Bacteria - 30min
EC50 Other Aquatic Organisms	4.6 mg/l Green Algae - 72hr
Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for absorption in soil.
Biochemical Oxygen Demand	1.44 g O ₂ /g substance
Chemical Oxygen Demand	2.1 g O ₂ /g substance
Theoretical Oxygen Demand	3.17 g O ₂ /g substance
Biodegradation	81 % 28 Days
BCF Fish	1.18
Log Pow	3.15
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	2.4

Hydrotreated Light Petroleum Naphtha (64742-49-0)

LC50 Fish	4.1 mg/l Fathead Minnow - 96h
EC50 Daphnia	10 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	11 mg/l Green Algae - 72hr
Log Kow	3.6 - 5.7

Bis(1,2,2,6,6-Pentamethyl-4-Piperidyl) Sebacate (41556-26-7)

LC50 Fish	0.97 mg/l Bluegill Sunfish - 96h
EC50 Daphnia	20 mg/l Water Flea - 48hr
Log Pow	0.37 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

Light Aromatic White Spirits (64742-82-1)

LC50 Fish	8.2 mg/l Fathead Minnow - 96h
EC50 Daphnia	4.5 mg/l Water Flea - 48hr
Persistence and Degradability	Biodegradability 79% / 28 days.
BCF Fish	10-2500, BCF; EPIWIN BCF (v 2.15)
Log Pow	4.2
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	log Koc, SRC PCKOCWIN v1.66; 1.783-2.36; Calculated value

Methyl Ethyl Ketoxime (96-29-7)

LC50 Fish	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oryzias latipes, Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia	201 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
BCF Fish	0.5 - 5.8 (OECD 305: Bioconcentration: Flow-Through Fish Test, 42 day(s), Cyprinus carpio, Fresh water, Experimental value, GLP)
Log Pow	0.63 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	0.55 (log Koc, SRC PCKOCWIN v2.0, QSAR)

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal

: Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal Of Packaging

: Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallons or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.



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Landfill Precautions : Not Available.
Incineration Precautions : Not Available.

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	: UN1263	UN1263	UN1263

14.2 UN Proper Shipping Name	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	: Paint Related Material, Limited Quantity	Paint Related Material, Limited Quantity	Paint Related Material, Limited Quantity

14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	: 3	3	3
Labels	: None	3 - Flammable liquid	None

Limited Quantity	: Yes	Yes	Yes
EmS Code	: Not Applicable	Not Applicable	F-E, S-E

14.4 Packing Group	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	: II	II	II

14.5 Environmental Hazards	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine Pollutant	: No	No	No

14.6 Special Precautions	Precautions : None Identified
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14.7 Transport in Bulk	Remarks : Not applicable for product as supplied
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SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

SARA Section 313

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Formaldehyde	CAS-No. 50-00-0	0.001 - 0.01%
Methanol	CAS-No. 67-56-1	0.01 - 0.1%
Xylene	CAS-No. 1330-20-7	1 - 5%
Ethyl Benzene	CAS-No. 100-41-4	0.1 - 1%
Secondary Butyl Alcohol	CAS-No. 78-92-2	0.001 - 0.01%

TSCA Section 12(b)

Chemical(s) subject to the export notification requirements of Section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D

Octamethylcyclotetrasiloxane	CAS-No. 556-67-2	0.001 - 0.01%
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CERCLA Reportable Quantity

Chemical(s) subject to reporting requirements of Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) if released to the environment at or above the reportable quantity



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Acetone	CAS-No. 67-64-1	5000 lb
Formaldehyde	CAS-No. 50-00-0	100 lb
Methanol	CAS-No. 67-56-1	5000 lb
Xylene	CAS-No. 1330-20-7	100 lb
Ethyl Benzene	CAS-No. 100-41-4	1000 lb
Methyl Ethyl Ketone	CAS-No. 78-93-3	5000 lb

15.2 State Regulations

California Proposition 65

: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

4-Chlorobenzotrifluoride (98-56-6)	Cancer	Yes	10.3804 %
Formaldehyde (50-00-0)	Cancer	Yes	0.0026 %
Ethyl Benzene (100-41-4)	Cancer	Yes	0.6667 %
Methanol (67-56-1)	Developmental Toxicity	Yes	0.0266 %
Formaldehyde (50-00-0)	No significance risk level (NSRL)	40 µg/day	
Ethyl Benzene (100-41-4)	No significance risk level (NSRL)	54 µg/day	

State Right-to-Know Lists

: The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

Acetone (67-64-1)	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Formaldehyde (50-00-0)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Methanol (67-56-1)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Methyl Acetate (79-20-9)	U.S. - New Jersey - Right to Know Hazardous Substance List
Xylene (1330-20-7)	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Ethyl Benzene (100-41-4)	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Vinyl Toluene (25013-15-4)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
n-Heptane (142-82-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
2-Butoxyethanol (111-76-2)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
Secondary Butyl Alcohol (78-92-2)	U.S. - New Jersey - Right to Know Hazardous Substance List
Methyl Ethyl Ketone (78-93-3)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Dipropylene Glycol Monomethyl Ether (34590-94-8)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 - OTHER INFORMATION

Indication of changes

Section	Changed item	Change
1	Supersedes	Added
1	Revision date	Modified
2	No unknown acute toxicity text	Added
2.1	GHS-US classification	Added
2.2	Hazard statements (GHS US)	Added
2.2	Hazard pictograms (GHS US)	Added
2.2	Precautionary statements (GHS US)	Added
2.3	Other hazards not contributing to the classification	Added
3	Composition/Information on ingredients	Modified
4	Symptoms/effects after skin contact	Added
4	Symptoms/effects after ingestion	Added
4	Symptoms/effects after inhalation	Added
4	Other medical advice or treatment	Added
4	Symptoms/effects after eye contact	Added
4	Symptoms/effects	Added



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4.1	First-aid measures after skin contact	Added
4.1	First-aid measures after inhalation	Added
4.1	First-aid measures general	Added
4.1	First-aid measures after ingestion	Added
4.1	First-aid measures after eye contact	Added
9	Melting point	Added
9	Appearance / Color	Added
9	Color	Added
9	Flammability	Added
9	Flash point	Added
9	Explosive limits (vol %)	Added
9	Boiling point	Added
9	Auto-ignition temperature	Added
9	Specific gravity / density	Added
9	Relative vapor density at 20 °C	Added
9	Appearance	Added
10	Hazardous decomposition products	Added
10	Reactivity	Added
10	Conditions to avoid	Added
11	Carcinogen Status	Added
12.1	Ecology - general	Added
14	Identification Number	Added
14	Proper Shipping Name	Added
15	Select the Appropriate Proposition 65 Notice	Added

Disclaimer of Liability

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