Safety Data Sheet

Issue Date: 07-Jun-2022 **Revision Date:** 07-Jun-2022 **Version** 1

1. IDENTIFICATION

Product identifier

Product Name DiamondFinish Clear

Other means of identification

SDS # APT-00212347789

Product Code 8104; 8304; 8404; 8504; 8604
Synonyms DCC, DFC, Diamond Clear.
UN/ID No UN1993

Recommended use of the chemical and restrictions on use

Recommended Use Clear coat, rust prevention.

Details of the supplier of the safety data sheet

Manufacturer Address
Advanced Protective Technologies, LLC
1101 Cumberland Xing #180
Valparaiso, IN 46383
Ph:219-263-0073
https://www.kbs-coatings.com

Emergency telephone number

Emergency Telephone Infotrac 1-800-535-5053

2. HAZARDS IDENTIFICATION

Appearance Clear liquid **Physical state** Liquid **Odor** Typical light aromatic

Classification

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 1B
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 3

Signal Word
Danger

Hazard statements
Harmful in contact with skin
Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
May cause genetic defects
May cause cancer
Suspected of damaging fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Flammable liquid and vapor

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves
Do not breathe dust/fume/gas/mist/vapors/spray
Do not eat, drink or smoke when using this product
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Use explosion-proof equipment

Precautionary Statements - Response
If exposed or concerned: Get medical advice/attention
IF IN EYES: 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
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms DCC, DFC, Diamond Clear.

Chemical name	CAS No	Weight-%
Dimethyl carbonate	616-38-6	20-25
Light aromatic petroleum naphtha	64742-95-6	15-20
Proprietary component 3	Proprietary	10-15
Proprietary component 4	Proprietary	5-10
1,2,4 Trimethylbenzene	95-63-6	5-10
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate; (Aspartic Acid Ester)	136210-30-5	1-5
1,3,5-Trimethylbenzene	108-67-8	1-5
Xylene	1330-20-7	1-5
Propyl benzene	103-65-1	1-5
1,2,3-Trimethylbenzene	526-73-8	1-5
Benzenesulfonyl isocyanate, 4-methyl-	4083-64-1	0.1-1
Cumene	98-82-8	0.1-1
Petroleum Distillate	64741-65-7	0.1-1
Proprietary component 7	Proprietary	0.1-1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General Advice If exposed or concerned: 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.

Skin Contact Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call Poison Control or doctor/physician.

Ingestion Immediately call a poison center or doctor/physician. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms May be harmful if swallowed. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use CO_2, dry chemical, or foam for extinction.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
Flammable liquid and vapor.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Wash face, hands and any exposed skin thoroughly after handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Use explosion proof equipment.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store locked up. Store in a well-ventilated place. Keep cool.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary component 3	STEL: 150 ppm TWA: 50 ppm	TWA: 150 ppm TWA: 710 mg/m^3 (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m^3 (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m^3	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m^3 STEL: 200 ppm STEL: 950 mg/m^3
Proprietary component 4	STEL: 20 ppm TWA: 10 ppm	TWA: 100 ppm (vacated) TWA: 50 ppm (vacated) TWA: 215 mg/m^3 (vacated) STEL: 100 ppm (vacated) STEL: 425 mg/m^3 Ceiling: 200 ppm	IDLH: 700 ppm TWA: 50 ppm TWA: 215 mg/m^3 STEL: 100 ppm STEL: 425 mg/m^3
1,2,4 Trimethylbenzene 95-63-6	-	-	TWA: 25 ppm TWA: 125 mg/m^3
1,3,5-Trimethylbenzene 108-67-8	-	-	TWA: 25 ppm TWA: 125 mg/m^3
Xylene 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m^3 (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m^3 (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m^3	-
1,2,3-Trimethylbenzene 526-73-8	-	-	TWA: 25 ppm TWA: 125 mg/m^3
Cumene 98-82-8	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m^3 (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m^3 (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m^3
Proprietary component 7	TWA: 0.005 ppm	(vacated) TWA: 0.005 ppm (vacated) STEL: 0.02 ppm (vacated) S*	TWA: 0.005 ppm TWA: 0.045 mg/m^3 STEL: 0.02 ppm STEL: 0.180 mg/m^3
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m^3 (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m^3 (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m^3	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m^3 STEL: 125 ppm STEL: 545 mg/m^3
Dibutyltin dilaurate 77-58-7	STEL: 0.2 mg/m^3 Sn TWA: 0.1 mg/m^3 Sn S*	TWA: 0.1 mg/m^3 Sn (vacated) TWA: 0.1 mg/m^3 Sn (vacated) S*	IDLH: 25 mg/m^3 Sn TWA: 0.1 mg/m^3 except Cyhexatin Sn
Proprietary component 8	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m^3	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m^3
Proprietary component 9	STEL: 100 ppm	TWA: 100 ppm TWA: 300 mg/m^3 (vacated) TWA: 100 ppm (vacated) TWA: 300 mg/m^3	IDLH: 1500 ppm TWA: 100 ppm TWA: 300 mg/m^3

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid		
Appearance	Clear liquid	**Odor**	Typical light aromatic
Color	Colorless	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	Not determined	
Melting point / freezing point	-5 °C / 23 °F	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	40 °C / 104 °F	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Liquid-Not applicable	
Flammability Limit in Air		
Upper flammability or explosive limits	12.6	
Lower flammability or explosive limits	1.9	
Vapor Pressure	~1.4 kpa for solvent	
Vapor Density	Heavier than air	
Relative Density	1.02	
Water Solubility	Insoluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	220 °C / 248 °F	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

Other information

VOC Content 248 g/L

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Harmful in contact with skin.

Inhalation Harmful if inhaled.

Ingestion May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary component 1	-	-	> 5010 mg/m^3 (Rat) 4 h
Dimethyl carbonate 616-38-6	= 13 g/kg (Rat)	> 5 g/kg (Rabbit)	= 140 mg/L (Rat) 4 h
Light aromatic petroleum naphtha 64742-95-6	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
Proprietary component 3	= 10768 mg/kg (Rat)	> 17600 mg/kg (Rabbit)	= 0.74 mg/L (Rat) 4 h
Proprietary component 4	= 1000 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 11.7 mg/L (Rat) 4 h
1,2,4 Trimethylbenzene 95-63-6	= 3280 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m^3 (Rat) 4 h
1,3,5-Trimethylbenzene 108-67-8	-	-	= 24 g/m^3 (Rat) 4 h
1-Methyl-4-ethylbenzene 622-96-8	= 4850 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 3900 ppm (Rat) 6 h
Xylene 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h
Propyl benzene 103-65-1	= 6040 mg/kg (Rat)	-	= 65000 ppm (Rat) 2 h
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate 41556-26-7	= 2615 mg/kg (Rat)	-	-
Proprietary component 5	= 7060 mg/kg (Rat)	= 18000 mg/kg (Rabbit)	-
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	= 2234 mg/kg (Rat)	-	> 640 ppm (Rat) 1 h
Proprietary component 6	= 707 µL/kg (Rat)	= 1.26 mL/kg (Rabbit)	= 360 mg/m^3 (Rat) 4 h
Cumene 98-82-8	= 1400 mg/kg (Rat)	= 12300 µL/kg (Rabbit)	> 3577 ppm (Rat) 6 h
Petroleum Distillate 64741-65-7	> 7000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.04 mg/L (Rat) 4 h
Aliphatic carboxylic ester 623-91-6	= 1780 mg/kg (Rat)	-	-
Proprietary component 7	= 1097 mg/kg (Rat)	1060 - 4780 mg/kg (Rabbit)	= 0.135 mg/L (Rat) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h
Dibutyltin dilaurate 77-58-7	= 45 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Proprietary component 8	= 7060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h
Proprietary component 9	= 1850 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Sensitization May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

Chemical name	ACGIH	IARC	NTP	OSHA
Proprietary component 4	A3	Group 2A	Reasonably Anticipated	X
Xylene 1330-20-7		Group 3		
Cumene 98-82-8		Group 2B	Reasonably Anticipated	X
Ethylbenzene 100-41-4	A3	Group 2B		X
Proprietary component 8	A3	Group 1	Known	X
Proprietary component 9		Group 2A		X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 IARC components are "not classifiable as human carcinogens"
NTP (National Toxicology Program)
Known - Known Carcinogen
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity Suspected of damaging fertility or the unborn child.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 2,526.10 mg/kg
Dermal LD50 1,997.07 mg/kg
ATEmix (inhalation-dust/mist) 5.1 mg/L
ATEmix (inhalation-vapor) 8,293.90 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Dimethyl carbonate 616-38-6		100: 96 h Danio rerio mg/L LC50 flow-through	
Light aromatic petroleum naphtha 64742-95-6		9.22: 96 h Oncorhynchus mykiss mg/L LC50	6.14: 48 h Daphnia magna mg/L EC50
Proprietary component 3	674.7: 72 h Desmodesmus subspicatus mg/L EC50	17 - 19: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Lepomis macrochirus mg/L LC50 static	
Proprietary component 4	0.15 - 3.2: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.46 - 4.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.72: 96 h Pseudokirchneriella subcapitata mg/L EC50 1.4: 72 h Pseudokirchneriella subcapitata mg/L EC50	19.03 - 33.53: 96 h Lepomis macrochirus mg/L LC50 static 3.24 - 4.99: 96 h Pimephales promelas mg/L LC50 flow-through 58.75 - 95.32: 96 h Poecilia reticulata mg/L LC50 static 6.75 - 14.5: 96 h Pimephales promelas mg/L LC50 static	3.3 - 7.4: 48 h Daphnia magna mg/L EC50
1,2,4 Trimethylbenzene 95-63-6		7.19 - 8.28: 96 h Pimephales promelas mg/L LC50 flow-through	6.14: 48 h Daphnia magna mg/L EC50
1,3,5-Trimethylbenzene 108-67-8		3.48: 96 h Pimephales promelas mg/L LC50	
Xylene 1330-20-7		13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 13.4: 96 h Pimephales promelas mg/L LC50 flow-through 19: 96 h Lepomis macrochirus mg/L LC50 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50	0.6: 48 h Gammarus lacustris mg/L LC50 3.82: 48 h water flea mg/L EC50
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate 41556-26-7		0.97: 96 h Lepomis macrochirus mg/L LC50 static	
Cumene 98-82-8	2.6: 72 h Pseudokirchneriella subcapitata mg/L EC50	6.04 - 6.61: 96 h Pimephales promelas mg/L LC50 flow-through 2.7: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 4.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.1: 96 h Poecilia reticulata mg/L LC50 semi-static	7.9 - 14.1: 48 h Daphnia magna mg/L EC50 Static 0.6: 48 h Daphnia magna mg/L EC50
Petroleum Distillate 64741-65-7	30000: 72 h Pseudokirchneriella subcapitata mg/L EC50		2: 48 h Mysidopsis bahia mg/L LC50
Proprietary component 7	118.7: 72 h Desmodesmus subspicatus mg/L EC50		
Ethylbenzene 100-41-4	1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 4.6: 72 h Pseudokirchneriella subcapitata mg/L EC50 438: 96 h Pseudokirchneriella subcapitata mg/L EC50	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50 static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 32: 96 h Lepomis macrochirus mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	1.8 - 2.4: 48 h Daphnia magna mg/L EC50

		9.6: 96 h Poecilia reticulata mg/L LC50 static	
Proprietary component 8		12.0 - 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 13400 - 15100: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static	9268 - 14221: 48 h Daphnia magna mg/L LC50 2: 48 h Daphnia magna mg/L EC50 Static

Persistence/Degradability
Not determined.

Bioaccumulation
There is no data for this product.

Mobility

Chemical name	Partition coefficient
Proprietary component 3	1.81
Proprietary component 4	2.95
1,2,4 Trimethylbenzene 95-63-6	3.63
Xylene 1330-20-7	3.15
Propyl benzene 103-65-1	3.68
Cumene 98-82-8	3.7

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

US EPA Waste Number

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Xylene 1330-20-7		Included in waste stream: F039		U239
Cumene 98-82-8				U055
Ethylbenzene 100-41-4		Included in waste stream: F039		

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Proprietary component 3	Toxic
Proprietary component 4	Toxic Ignitable
Xylene 1330-20-7	Toxic Ignitable

Cumene 98-82-8	Toxic Ignitable

14. TRANSPORT INFORMATION

Note As packaged this material can be shipped as a “Limited Quantity” Exemption.

DOT

UN/ID No	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Dimethyl Carbonate, Light aromatic petroleum naphtha)
Hazard class	3
Packing Group	III

IATA

UN number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Dimethyl Carbonate, Light aromatic petroleum naphtha)
Transport hazard class(es)	3
Packing Group	III

IMDG

UN number	UN1993
Proper Shipping Name	Flammable liquid, n.o.s. (Dimethyl Carbonate, Light aromatic petroleum naphtha)
Transport hazard class(es)	3
Packing Group	III
Marine Pollutant	This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary component 1	X	ACTIVE	X	X	X	X	X	X	X
Dimethyl carbonate	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 2	X	ACTIVE	X		X	X	X		X
Light aromatic petroleum naphtha	X	ACTIVE	X	X		X	X	X	X
Proprietary component 3	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 4	X	ACTIVE	X	X	X	X	X	X	X
1,2,4 Trimethylbenzene	X	ACTIVE	X	X	X	X	X	X	X
Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate; (Aspartic Acid Ester)	X	ACTIVE	X	X		X			X
1-Methyl-3-ethylbenzene				X	X	X		X	X
1,3,5-Trimethylbenzene	X	ACTIVE	X	X	X	X	X	X	X
1-Methyl-2-ethylbenzene	X	ACTIVE	X	X	X	X		X	X
1-Methyl-4-ethylbenzene	X	ACTIVE	X	X	X	X		X	X
Xylene	X	ACTIVE	X	X	X	X	X	X	X
Propyl benzene	X	ACTIVE	X	X	X	X	X	X	X
1,2,3-Trimethylbenzene	X	ACTIVE	X	X	X	X	X	X	X
Bis(1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 5	X	ACTIVE	X	X	X	X	X	X	X
Benzenesulfonyl isocyanate, 4-methyl-	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 6	X	ACTIVE	X	X	X	X		X	X
Cumene	X	ACTIVE	X	X	X	X	X	X	X
Petroleum Distillate	X	ACTIVE	X	X		X	X	X	X

Methyl (1,2,2,6,6-pentamethyl-4-piperidinyl)sebacate	X	ACTIVE	X	X	X	X	X	X	X
Aliphatic carboxylic ester	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 7	X	ACTIVE	X	X	X	X	X	X	X
Ethylbenzene	X	ACTIVE	X	X	X	X	X	X	X
Dibutyltin dilaurate	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 8	X	ACTIVE	X	X	X	X	X	X	X
Proprietary component 9	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing and Evaluated Chemical Substances*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Proprietary component 3	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Proprietary component 4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Xylene 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Cumene 98-82-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Proprietary component 7		500 lb	
Ethylbenzene 100-41-4	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Proprietary component 4 -		5-10	0.1
1,2,4 Trimethylbenzene - 95-63-6	95-63-6	5-10	1.0
Xylene - 1330-20-7	1330-20-7	1-5	1.0
Cumene - 98-82-8	98-82-8	0.1-1	0.1
Proprietary component 7 -		0.1-1	1.0
Ethylbenzene - 100-41-4	100-41-4	<0.1	0.1

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Proprietary component 3	5000 lb			X
Proprietary component 4	1000 lb			X
Xylene	100 lb			X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Proprietary component 4 -	Carcinogen
Cumene - 98-82-8	Carcinogen
Ethylbenzene - 100-41-4	Carcinogen
Proprietary component 8 -	Carcinogen Developmental

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Dimethyl carbonate 616-38-6	X	X	X
Proprietary component 3	X	X	X
Proprietary component 4	X	X	X
1,2,4 Trimethylbenzene 95-63-6	X	X	X
Xylene 1330-20-7	X	X	X
Propyl benzene 103-65-1	X	X	X
Proprietary component 5	X	X	X
Cumene 98-82-8	X	X	X
Proprietary component 7	X	X	X
Ethylbenzene 100-41-4	X	X	X
Proprietary component 8	X	X	X
Proprietary component 9	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical hazards**	**Personal Protection**
	Not determined	Not determined	Not determined	Not determined

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Disclaimer

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End of Safety Data Sheet