SAFETY DATA SHEETS

This SDS packet was issued with item:

074598058

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

070753517 070884213 070951293 071038520 071043686 071095546 071106863 074595674 074596169 074596193 074596227 074596250 074596284 074596318 074596342 074596375 074596409 074596433 074596466 074596474 074596490 074596524 074596532 074596540 074596557 074596987 074596995 074597019 074597043 074597076 074597100 074597134 074597167 074597191 074597225 074597258 074597282 074597316 074597332 074597340 074597357 074597365 074597373 074597381 074597399 074597407 074597415 074597423 074597431 074597449 074597456 074597464 074597472 074597480 074597498 074597506 074598371

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

071365485 074597944

SAFETY DATA SHEET

Effective Date 18-Sep-2020 Version 5

1. IDENTIFICATION

Product Identifier
Product Name JET LIQUID / ORTHO-JET LIQUID / ORTHO-JET BCA LIQUID

Other means of identification
SDS# 028
UN/ID No UN1993
Product Code 0323, 0395, 0399, 1223, 1234, 1256, 1402X6, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1412, 1484, 1493 / 1303, 1304, 1306, 1307, 1308, 1309, 1323, 1334, 1356 / B1303, B1304, B1306, B1307, B1323, B1334, B1356, 1593, 2793, 2893

Recommended use of the chemical and restrictions on use
Recommended Use Self-curing acrylic resin

Details of the supplier of the safety data sheet
Supplier Address Lang Dental Mfg. Co., Inc.
175 Messner Dr.
Wheeling, IL 60090
USA

Emergency telephone number
Company Phone Number +1-847-215-6622
Emergency Telephone (INFOTRAC) +1-352-323-3500 (International)
800-535-5053 (North America)

Authorized European Representative MediMark® Europe SARL
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Tel: +33 476 86 43 22
Fax: +33 476 17 19 82
Email: info@medimark-europe.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Flammable liquids	Category 2
Skin Corrosion / Irritation	Category 2
Skin Sensitization	Category 1
Specific Target Organ Toxicity - Single Exposure (Respiratory)	Category 3

Signal word Danger

Hazard statements H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Appearance Clear or slightly tinted Physical state Liquid Odor Acrid

Precautionary Statements – Prevention

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.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements – Response

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before use.
P370+P378 In case of fire: Use CO_2, for extinction.

Precautionary Statements – Storage

P235 Keep cool.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statements – Disposal

P501 Dispose of contents/container in accordance with local regulation.

Hazardous component(s) for labeling Contains methyl methacrylate

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight - %	Trade Secret
Methyl Methacrylate	80-62-6	>95	*
N, N-Dimethyl-p-Toluidine	99-97-8	<2	*

*Specific chemical weight has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Inhalation	Remove victim to fresh air. Keep at rest in a position comfortable for breathing. Seek immediate medical attention.
Eye contact	Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, call a physician immediately.
Ingestion	If ingested, do not induce vomiting. Drink plenty of water or milk immediately. If vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately and provide an estimate of when and how much material was ingested. Seek immediate medical attention.
Skin Contact	Wash with soap and water. If irritation, redness or swelling persists, call a physician immediately. Take off contaminated clothing and wash before reuse.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide,

Unsuitable: Water spray or water stream may not be effective.

Specific hazards arising from the chemical

For bulk size >1L – High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerizing reaction generating heat/pressure. Closed containers may rupture or explode during a runaway polymerization. This product is flammable liquid. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. Vapor forms an explosive mixture with air.

Hazardous Combustion Products

Acrid smoke-fumes/carbon monoxide/carbon dioxide and perhaps other toxic vapors may be released during a fire involving this product.

Special Fire Fighting Procedures

Use a water spray or fog to reduce or direct vapors, and keep containers cool. Water may not be effective in actually extinguishing a fire involving this product. Do not enter fire area without proper protection. Fight fire from a safe location. Structural firefighters must wear SCBAs and full protective equipment. Heat/Impurities may cause pressure to build and/or rupture closed containers, spreading fire, increasing risk of burns/injuries.

Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus for firefighting if necessary. Do not enter area without proper protection. Fight fire from safe distance/protected location. Heat /impurities may increase temperature/build pressure/rupture closed containers, spreading fire, increasing risk of burns/injuries. Use water spray to cool unopened containers. Pressure relief system may plug with solids creating risk of overpressure.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Before cleaning any spill or leak, individuals must wear personal protective equipment as required. Remove any contaminated clothing and wash thoroughly before reuse.
Environmental precautions	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

Methods and material for containment and clean-up

Method for containment	Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. DO NOT use combustible materials such as sawdust. May contaminate water supply.
Method for clean-up	Maximize ventilation (open doors and windows) and secure all sources of ignition. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Keep away from heat, sparks, and flame. Keep container closed after each use. Avoid contact with skin, eyes and clothing. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink, or smoke while handling product. Keep away from heat, sparks, and flame. Keep container closed after each use. Ground and bond all containers when transferring. Observe precautions found on the label.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Protect from direct sunlight. Keep container closed to prevent water absorption and contamination. Methacrylate stored in bulk quantities must be kept in contact with air (oxygen). Keep at temperature not exceeding 30°C/86 °F.
Packaging materials	Keep in original container.
Incompatible materials	Strong oxidizing agents, strong reducing agents, free-radical generators, inert gases, oxygen scavengers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines — Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required. The following information is given as general guidance.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Methyl Methacrylate 80-62-6	STEL: 100 ppm TWA: 50 ppm	TWA:100 ppm TWA: 410 mg/m^3	TWA:100 ppm TWA: 410 mg/m^3

ACGIH = American Conference of Governmental Industrial Hygienists / OSHA = Occupational Safety and Health Administration
PEL = Permissible Exposure Levels / STEL – Short Term Exposure Limit / TLV – Threshold Limit Value / TWA = Time Weighted Average

Appropriate engineering controls

Engineering controls — For bulk size: Use local explosion-proof ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits.

Individual protection measures, such as personal protective equipment

Eye / face protection — Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to US OSHA 29CFR SS1910.133, Canadian standards or the European Standard EN 166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and body protection — If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to US OSHA 29CFR SS1910.138 or the appropriate standards of Canada or the EC member states. Wear suitable protective clothing.

Respiratory protection — No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its provinces, or the EC member states. VENTILATION: Local exhaust at processing equipment.

General hygiene considerations — Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Food, beverages and tobacco products should not be carried, stored, or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Acrid
Appearance	Liquid	Odor threshold	Not determined
Color	Clear or slightly tinted		

Property	Values	Remarks / Method
pH	Not determined	
Melting point / Freezing point	Not determined	
Boiling point / boiling range	101°C / 214° F	
Flash point	12°C / 54°F	
Evaporation rate	Not determined	
Flammability (solid, gas)	n/a (liquid)	
Flammability limits in air		
Upper flammability limit	Not applicable	
Lower flammability limit	Not applicable	
Specific gravity	0.949	Water = 1
Autoignition temperature	421°C / 790°F	
Other information		
Density	0.949 g/mL	

10. STABILITY AND REACTIVITY

Reactivity Unstable/Reactive upon depletion of inhibitor.

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions None under normal processing
Hazardous polymerization Hazardous polymerization may occur.

Incompatible materials
Strong oxidizing agents, strong reducing agents, free-radical generators, inert gases, oxygen scavengers
Material has strong solvent properties and can soften paint and rubber.

Hazardous decomposition products Carbon oxides

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity Inhalation Toxicity: 4,632 mg/L
Component Toxicity No data available
Routes of Exposure – No data available
Target Organs – Eyes, Skin, Respiratory System

Inhalation	Harmful if inhaled.
Eye contact	Causes severe eye irritation.
Skin contact	Causes skin irritation. May be harmful in contact with skin.
Ingestion	May be harmful if swallowed.

Product Components Listed as Carcinogenic None

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Algae / aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Methyl Methacrylate 80-62-6	170: 96 h Pseudokirchneriella subcapitata mg/L EC50	243-275: 96 h Pimephales promelas mg/L LC50 flow-through; 125.5-190.7: 96 h Pimephales promelas mg/L LC50 static; 170-206: 96 h Lepomis macrochirus mg/L LC50 flow-through; 153.9-341.8: 96 h Lepomis macrochirus mg/L LC50 static; 326.4-426.9 96 h Poecilia reticulata mg/L LC50 static; >79: 96 h Oncorhynchus mykiss mg/L LC50 flow-through; >79: 96 h Oncorhynchus mykiss mg/L LC50 static	-	69: 48 h Daphnia magna mg/L EC50

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal of wastes
Follow all local and national government regulations in disposing material or contaminated packaging.
For U.S. - Dispose of in accordance with federal, state and local regulations. When discarded, it is considered a hazardous waste by the EPA under RCRA. The reportable quantity for methyl methacrylate is 1000 lb. (40 CFR Part 302). Add excess inhibitor before disposing.

Contaminated Packaging
Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers in accordance with local and national government regulations.

14. TRANSPORTATION INFORMATION

DOT

UN / ID No	UN1993
Proper shipping name	Flammable liquid, n.o.s. (Methyl Methacrylate monomer, stabilized / N,N-Dimethyl-p-Toluidine solution)
Hazard Class	3
Packing Group	II
Reportable Quantity (RQ)	1000 lb. (methyl methacrylate)

IATA

UN / ID No	UN1993
Proper shipping name	Flammable liquid, n.o.s. (Methyl Methacrylate monomer, stabilized / N,N-Dimethyl-p-Toluidine solution)
Hazard Class	3
Packing Group	II

IMDG

UN / ID No	UN1993
Proper shipping name	Flammable liquid, n.o.s. (Methyl Methacrylate monomer, stabilized / N,N-Dimethyl-p-Toluidine solution)
Hazard Class	3
Packing Group	II

15. REGULATORY INFORMATION

International Inventories

Methyl methacrylate 80-62-6

TSCA	Listed	United States Toxic Substances Control Act, Section 8(b) Inventory
DSL	Listed	Canadian Domestic Substances List
EINECS	Listed	European Inventory of Existing Chemical Substances

EU Regulations EC No. 1272/2008 (CLP) Classification, Labeling, Packaging
Medical Devices Directive 93/42/EEC - Class I Medical Devices

US Federal Regulations SARA 302 – Extremely hazardous substance - not listed
SARA 311/312 – Hazard categories – listed Methyl methacrylate 80-62-6
SARA 313 – Methyl Methacrylate 80-62-6

US State Regulations California Proposition 65 – Warning. This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin: None

US State Right-to-Know Regulations Not established

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability
	2	3	2
HMIS	Health Hazards	Flammability	Physical Hazards
	2	3	2

Effective Date 18-Sept-2020

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

SAFETY DATA SHEET

Effective Date 28-Sep-2018 **Version 4**

1. IDENTIFICATION

Product Identifier

Product Name JET TOOTH SHADE POWDER

Other means of identification

SDS# 018

Product Code 1410, 1412, 1420, 1430, 1450, 1470, 1480, 1484, 1493

Recommended use of the chemical and restrictions on use

Recommended Use Fabrication of provisional crowns and bridges

Details of the supplier of the safety data sheet

Supplier Address Lang Dental Mfg. Co., Inc.
175 Messner Dr.
Wheeling, IL 60090
USA

Emergency telephone number

Company Phone Number 847-215-6622

Emergency Telephone (INFOTRAC) 352-323-3500 (International)
800-535-5053 (North America)

Authorized European Representative MediMark® Europe SARL
11, rue Emile Zola – BP 2332
38033 Grenoble Cedex 2
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Tel: +33 476 86 43 22
Fax: +33 476 17 19 82
Email: info@medimark-europe.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Eye Damage/Irritation	2A
Skin sensitization	1

Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Physical State Powder **Appearance** Fine, white or pigmented **Odor** Faint odor in bulk

Precautionary Statements – Prevention

P261 Avoid breathing dust, fumes, gas, mist, vapors or spray.
P264 Wash hands and exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements – Response

P302+P352 IF ON SKIN: Wash with soap and water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary Statements – Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight - %
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer	9011-14-7	80-90
Diethyl phthalate	84-66-2	10-20
Benzoyl Peroxide	94-36-0	1-5
Titanium Dioxide (CI77891)	13463-67-7	0-1

*Specific chemical weight has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Inhalation Remove to fresh air. Get medical attention if discomfort persists.

Eye contact Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, get medical advice / attention.

Ingestion Do NOT induce vomiting. Drink plenty of water or milk immediately. If vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately and provide an estimate of when and how much material was ingested.

Skin Contact Wash with soap and water. If irritation persists, call a physician. Take off contaminated clothing and wash before reuse.

Most important symptoms and effects, both acute and delayed

Symptoms Skin contact may aggravate an existing dermatitis. Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Water, carbon dioxide (CO_2), dry chemical
Unsuitable: Avoid extinguishing methods which may generate dust clouds.

Specific hazards arising from the chemical

For bulk size: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust.

Protective equipment and precautions for firefighters

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. Remove any contaminated clothing and wash thoroughly before reuse.

Methods and material for containment and clean-up

Method for containment Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material, sand or earth. May contaminate water supply.

Method for clean-up Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. Clean up in accordance with all applicable regulations. Wash all affected areas with plenty of warm water and soap.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use only in well-ventilated areas. Avoid contact with skin, eyes or clothing. Avoid breathing dust or fume. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed to prevent water absorption and contamination. Store in a dry, cool and well-ventilated place away from direct sunlight or other sources of light or intense heat. Temperature not to exceed 35°C.

Packaging materials Keep in original container.

Incompatible materials Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Propenoic acid, 2-methyl-, methyl ester, homopolymer 9011-14-7			
Diethyl phthalate 84-66-2	TWA: 5 mg/m^3	TWA: 5 mg/m^3	TWA: 5 mg/m^3
Benzoyl peroxide 94-36-0	TWA: 5 mg/m^3	TWA: 5 mg/m^3	TWA: 5 mg/m^3
Titanium Dioxide (CI77891) 13463-67-7	TWA: 10 mg/m^3	TWA: 15 mg/m^3 (total dust)	

Appropriate engineering controls Apply technical measures to comply with the occupational exposure limits. When working with large quantities of product, provide adequate ventilation (e.g. local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes. Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers.

Individual protection measures, such as personal protective equipment

Eye / face protection Depending on the use of this product, safety glasses or goggles may be worn. If necessary, refer to US OSHA 29 CFR SS1910.133, Canadian standards or the European Standard EN 166. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and body protection	If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to US OSHA 29 CFR SS1910.138 or the appropriate standards of Canada or the EC member states.
Respiratory protection	No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its provinces, EC member states or Australia. VENTILATION: Local exhaust at processing equipment.
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	Powder	**Odor**	Faint odor in bulk
Appearance	Fine		
Color	White or pigmented		

Property	**Values**
Boiling point / boiling range	295°C
Auto ignition temperature	80°C
Flash point	303°C / 577°F
Flammability limits in air	
Upper flammability limit	Not applicable
Lower flammability limit	Not applicable
Specific gravity	0.00

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
Hazardous polymerization	Does not occur.
Conditions to avoid	Heating above 240°C / 464°F
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Methacrylate monomer, oxides of carbon when burned

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposures

Product information	This product has not been tested on animals to obtain toxicology data.
Inhalation	Not expected to be an inhalation hazard under normal conditions of intended use
Eye contact	Avoid contact with eyes.
Skin contact	Avoid contact with skin.
Ingestion	Do not taste or swallow.

Information on physical, chemical and toxicological effects

Symptoms	See Section 4.

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

Component Carcinogenicity	Titanium Dioxide (CI77891) 13463-67-7 % Weight : 0.1 to 1.0% NIOSH: Potential occupational carcinogen IARC: Possible human carcinogen OSHA: Listed

12. ECOLOGICAL INFORMATION

Component Ecotoxicity There is no specific data available for this product; however, very large releases may be harmful or fatal to overexposed aquatic life.

For Diethyl Phthalate:

Pimephales promeias	96 Hr: LC_{50}	17 mg/L (flow-through)	Desmodesmus subspicatus	72 Hr EC_{50}	23 mg/L
Pimephales promeias	96 Hr: LC_{50}	16.8 mg/L (static)	Desmodesmus subspicatus	72 Hr EC_{50}	23 mg/L
Lepornis macrochirus	96 Hr: LC_{50}	16.7 mg/L (static)	Desmodesmus subspicatus	96 Hr EC_{50}	21 mg/L
Onchorhynchus mykiss	96 Hr: LC_{50}	12 mg/L (flow-through)	Desmodesmus subspicatus	96 Hr EC_{50}	21 mg/L (static)
Daphnia magna	48 Hr: EC_{50}	36-74 mg/L	Pseudokirchneriella subcapitata	96 Hr EC_{50}	42-255 mg/L
Daphnia magna	48 Hr: EC_{50}	86 mg/L (static)	Pseudokirchneriella subcapitata	96 Hr EC_{50}	2.11-4.29 mg/L (static)

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Follow all local and national government regulations in disposing material or contaminated packaging.

Contaminated Packaging For bulk only: Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers properly in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

DOT Not regulated
IATA Not regulated
IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories
EINECS Listed
TSCA Listed
US Federal Regulations
SARA 302 – Extremely Hazardous – Not Listed
SARA 311 / 312 Hazard Categories – Not Listed
SARA 313 – Toxic Chemicals for Benzoyl peroxide 94-36-0 Listed
US State Regulations
California Proposition 65 – Warning. This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin: 13463-67-7 Titanium Dioxide (CI77891) 0.1 to 1.0%

16. OTHER INFORMATION

HMIS	Health Hazards	Flammability	Physical Hazards
	1	1	0

Effective Date 28-Sep-2018
Disclaimer
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End of Safety Data Sheet