

SAFETY DATA SHEET



Date Issued : 02/01/2019
SDS No : 1070
Date Revised : 02/05/2019
Revision No : 1

Diocetyl phthalate

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Diocetyl phthalate

MANUFACTURER

Shrieve Chemical Company
 1755 Woodstead Ct.
 The Woodlands, TX 77380

Emergency Contact: Audris King

Emergency Phone: (800) 424-9300

Alternate Contact: Sue Shelver

Customer Service: (800) 367-4226

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553

CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Reproductive Toxicity, Category 1B

GHS LABEL

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H360: May damage fertility or the unborn child.

PRECAUTIONARY STATEMENTS

Prevention:

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

P201: Obtain special instructions before use.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

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

Storage:

P405: Store locked up.

Disposal:

P501: Dispose of contents/container to a licensed contractor in accordance with local, state and federal regulations.

COMMENTS: Endocrine disrupting chemical(s).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Di-sec Octyl Phthalate	100	117-81-7

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SKIN: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In case of persistent skin irritation, consult a physician.

INGESTION: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or CO₂.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid discharge into drains, water courses, or onto the ground.

GENERAL PROCEDURES: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

STORAGE: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully released and kept upright to prevent leakage. Storage class (TRGS 510): 3. Flammable liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side-shields conforming to EN 166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(UN).

SKIN: Handle with Nitrile rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

RESPIRATORY: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

PROTECTIVE CLOTHING: Impervious clothing. Selection of specific items such as face shield, gloves, boots, apron or full-body suit will depend on operation.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

FLASH POINT AND METHOD: 207°C (405°F)

FLAMMABLE LIMITS: 0.3% (V)

AUTOIGNITION TEMPERATURE: 390°C (734°F)

VAPOR PRESSURE: 1.6 hPa at 93°C (199.4°F)

BOILING POINT: 384°C (723°F)

MELTING POINT: -50°C (-58°F)

SOLUBILITY IN WATER: Insoluble in water.

DENSITY: 0.985 g/ml at 25°C (77°F)

10. STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage and handling conditions (See Section 7).

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides

INCOMPATIBLE MATERIALS: Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: 25000 mg/kg - Rabbit

ORAL LD₅₀: 30000 mg/kg - rat

SKIN CORROSION/IRRITATION:

Skin- Rabbit

Results: mild skin irritation- 24 h

SERIOUS EYE DAMAGE/IRRITATION:

Eye- rabbit

Results: Mild eye irritation- 24 h

RESPIRATORY OR SKIN SENSITISATION:

Maximisation Test- Guinea pig

Result: Does not cause skin sensitisation.

(OECD Test Guideline 406)

CARCINOGENICITY

IARC: 2B-Group 2B: Possibly carcinogenic to human (bis(2-Ethylhexyl) phthalate)

NTP: Reasonably anticipated to be a human carcinogen (bis(2-Ethylhexyl) phthalate)

OSHA: No component of this product at levels greater than 0.1% is identified as a carcinogen.

REPRODUCTIVE TOXICITY: May cause congenital malformation in the fetus. Presumed human reproductive toxicant. May cause reproductive disorders.

GENERAL COMMENTS:

RTECS: T10350000

Effects due to ingestion may include: Gastrointestinal disturbance.

Kidney

12. ECOLOGICAL INFORMATION

BIOACCUMULATION/ACCUMULATION: Oncorhynchus mykiss (rainbow trout)- 100 d 0.014 mg/l

Bioconcentration factor (BCF): 113

remarks: does not bioaccumulate.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 0.67 mg/l - Pimephales promelas (fathead minnow)

48-HOUR EC₅₀: > 0.16 mg/l, Daphnia magna (Water flea)

CHEMICAL FATE INFORMATION: Results: readily biodegradable

(OECD Test Guideline 301)

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburn scrubber.

EMPTY CONTAINER: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Environmentally hazardous substance, liquid, N.O.S.

TECHNICAL NAME: (bis(2-Ethylhexyl) phthalate)

PRIMARY HAZARD CLASS/DIVISION: 9

UN/NA NUMBER: 3082

PACKING GROUP: III

REPORTABLE QUANTITY (RQ) UNDER CERCLA: 100 lbs

AIR (ICAO/IATA): Not regulated as a dangerous good.

VESSEL (IMO/IMDG): Not regulated as a danerous good.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Chronic Health Hazard

313 REPORTABLE INGREDIENTS: All components listed or exempt.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Di-sec Octyl Phthalate	100	117-81-7

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: All components listed or exempt.

Chemical Name	Wt.%	CERCLA RQ
Di-sec Octyl Phthalate	100	100

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Di-sec Octyl Phthalate	117-81-7

TSCA REGULATORY: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

CALIFORNIA PROPOSITION 65: WARNING! This product contains a chemical known to the state of California to cause birth defects or other reproductive harm and cancer. bis(2-Ethylhexyl) phthalate

CAS 117-81-7

Chemical Name	Wt.%	Listed
Di-sec Octyl Phthalate	100	<ul style="list-style-type: none"> ● Cancer ● Developmental Toxicity ● Male Reproductive

16. OTHER INFORMATION

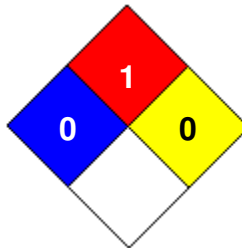
APPROVED BY: Lindsay Myers **TITLE:** HS&E Manager

PREPARED BY: Carolina Cardenas **Date Revised:** 02/05/2019

REVISION SUMMARY: This SDS replaces the 02/05/2019 SDS.

HMIS RATING

HEALTH	*	0
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

NFPA CODES

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