

# OxyClutch

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)  
Issue date: 7/30/2021 Revision date: 8/13/2025 Supersedes: 7/30/2021 Version: 2.0

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Trade name : OxyClutch

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : sealant

#### 1.4. Supplier's details

The Mill-Rose Company  
7310 Corporate Blvd  
Mentor, OH 44060  
USA  
T 800-321-3598 - F 440-255-1072  
[info@cleanfit.com](mailto:info@cleanfit.com) - [www.cleanfit.com](http://www.cleanfit.com)

#### 1.5. Emergency phone number

No additional information available

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. Label elements

##### GHS US labeling

No labeling applicable

#### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

#### 2.4. Hazards not otherwise classified

No additional information available

#### 2.5. Unknown acute toxicity

96.24% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
96.42% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
96.42% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

### SECTION 3 Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name             | Product identifier  | %   | GHS US classification |
|------------------|---------------------|-----|-----------------------|
| Titanium dioxide | CAS-No.: 13463-67-7 | 1-5 | Carc. 2, H351         |

Comments : Exact concentrations are withheld as trade secret.  
The remaining components are not hazardous and/or present at amounts below reportable limits  
Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
First-aid measures after skin contact : Wash with plenty of soap and water. Wash skin with plenty of water.  
First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Do NOT induce vomiting. Get medical advice/attention if you feel unwell. Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : None known.

### 5.2. Specific hazards arising from the chemical

Fire hazard : No particular fire or explosion hazard.  
Hazardous decomposition products in case of fire : Burning produces irritating, toxic and noxious fumes. Carbon dioxide. Carbon monoxide. Formaldehyde.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. Wear fire/flame resistant/retardant clothing. EN469. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

##### For non-emergency personnel

Protective equipment : Wear suitable gloves. Chemical goggles or safety glasses.

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

##### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Wear suitable gloves. Chemical goggles or safety glasses. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

Environmental precautions : Avoid release to the environment. Prevent entry to sewers and public waters.

#### 6.2. Methods and materials for containment and cleaning up

For containment : Absorb and/or contain spill with inert material, then place in suitable container.

Methods for cleaning up : Take up liquid spill into absorbent material. Take up in non-combustible absorbent material and shove into container for disposal.

Other information : Dispose of materials or solid residues at an authorized site.

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment. For further information refer to section 13.

### SECTION 7 Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing vapors.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong acids. Strong bases.

### SECTION 8 Exposure controls/personal protection

#### 8.1. Control parameters

| Titanium dioxide (13463-67-7)              |  |
|--|--|
| USA - ACGIH - Occupational Exposure Limits |  |
| Local name                                 | Titanium dioxide   |
| ACGIH® TLV® TWA                            | 0.2 mg/m <sup>3</sup> (Nanoscale particles. R - Repirable particulate matter)<br>2.5 mg/m <sup>3</sup> (Finescale particles. R - Repirable particulate matter) |
| Remark (ACGIH)                             | TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)  |
| Regulatory reference                       | ACGIH 2022   |

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### Titanium dioxide (13463-67-7)

#### USA - OSHA - Occupational Exposure Limits

|                                |                               |
|--------------------------------|-------------------------------|
| Local name                     | Titanium dioxide (Total dust) |
| OSHA PEL TWA                   | 15 mg/m <sup>3</sup>          |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1      |

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Either local exhaust or general room ventilation is usually required. Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Use rubber gloves. EN 374

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Use an approved respirator equipped with oil/mist cartridges. EN 12083

#### Personal protective equipment symbol(s):



#### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                |                     |
|--------------------------------|---------------------|
| Physical state                 | : Liquid            |
| Appearance                     | : Paste.            |
| Color                          | : White             |
| Odor                           | : odorless          |
| Odor threshold                 | : No data available |
| pH                             | : No data available |
| Melting point                  | : Not applicable    |
| Freezing point                 | : -30 °C            |
| Boiling point                  | : No data available |
| Flash point                    | : No data available |
| Flammability (solid, gas)      | : Not applicable.   |
| Vapor pressure                 | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density               | : 1.92              |

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|   |                       |
|---|-----------------------|
| Solubility                                      | : insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available   |
| Auto-ignition temperature                       | : 430 – 440 °C        |
| Decomposition temperature                       | : No data available   |
| Viscosity, kinematic                            | : No data available   |
| Explosion limits                                | : No data available   |
| Particle characteristics                        | : No data available   |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

VOC content : 0 %

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

Strong oxidizing agents. Strong bases. Strong acids.

### 10.6. Hazardous decomposition products

Burning produces irritating, toxic and noxious fumes. Carbon dioxide. Carbon monoxide.

## SECTION 11 Toxicological information

Likely routes of exposure : Skin and eye contact.

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| OxyClutch                       |  |
|---------------------------------|--|
| Unknown acute toxicity (GHS US) | 96.24% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>96.42% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>96.42% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| Titanium dioxide (13463-67-7)   |  |
| LD50 oral rat                   | > 5000 mg/kg   |
| LD50 dermal rat                 | > 2000 mg/kg   |
| LC50 Inhalation - Rat           | > 6.82 mg/l/4h   |

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| Titanium dioxide (13463-67-7)     |                          |
|-----------------------------------|--------------------------|
| LC50 Inhalation - Rat (Dust/Mist) | > 6.82 mg/l Source: ECHA |

Skin corrosion/irritation : Not classified

| Titanium dioxide (13463-67-7) |                |
|-------------------------------|----------------|
| pH                            | 7 Source: ECHA |

Serious eye damage/irritation : Not classified

| Titanium dioxide (13463-67-7) |                |
|-------------------------------|----------------|
| pH                            | 7 Source: ECHA |

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified.

| Titanium dioxide (13463-67-7)            |                                      |
|--|--------------------------------------|
| NOAEL (chronic,oral,animal/male,2 years) | 5 mg/kg body weight rat              |
| IARC group                               | 2B - Possibly carcinogenic to humans |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

| Titanium dioxide (13463-67-7) |                        |
|-------------------------------|------------------------|
| Viscosity, kinematic          | Not applicable (solid) |

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

| Titanium dioxide (13463-67-7)      |  |
|------------------------------------|--|
| LC50 - Fish [1]                    | > 100 mg/l   |
| EC50 - Crustacea [1]               | > 1000 mg/l (Invertebrata, Fresh water)  |
| EC50 - Other aquatic organisms [1] | > 100 mg/l Test organisms (species):   |
| EC50 72h - Algae [1]               | > 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| LOEC (chronic)                     | 5 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |

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### 12.2. Persistence and degradability

| OxyClutch                     |                                   |
|-------------------------------|-----------------------------------|
| Persistence and degradability | Not readily biodegradable.        |
| Titanium dioxide (13463-67-7) |                                   |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD)  | Not applicable (inorganic)        |
| ThOD                          | Not applicable (inorganic)        |

### 12.3. Bioaccumulative potential

| Titanium dioxide (13463-67-7) |                      |
|-------------------------------|----------------------|
| Bioaccumulative potential     | Not bioaccumulative. |

### 12.4. Mobility in soil

| Titanium dioxide (13463-67-7) |                                     |
|-------------------------------|-------------------------------------|
| Surface tension               | No data available in the literature |
| Ecology - soil                | Low potential for mobility in soil. |

### 12.5. Other adverse effects

Ozone : Not classified  
Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                                    | TDG            | IMDG           | IATA           |
|--|----------------|----------------|----------------|
| 14.1. UN number                        |                |                |                |
| Not regulated for transport            |                |                |                |
| 14.2. Proper Shipping Name             |                |                |                |
| Not regulated.                         | Not regulated. | Not regulated. | Not regulated. |
| 14.3. Transport hazard class(es)       |                |                |                |
| Not regulated.                         | Not regulated. | Not regulated. | Not regulated. |
| 14.4. Packing group                    |                |                |                |
| Not regulated.                         | Not regulated. | Not regulated. | Not regulated. |
| 14.5. Environmental hazards            |                |                |                |
| Not regulated.                         | Not regulated. | Not regulated. | Not regulated. |
| No supplementary information available |                |                |                |

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### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

Not regulated.

#### TDG

Not regulated.

#### IMDG

Not regulated.

#### IATA

Not regulated.

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are exempt from or present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

### 15.2. International regulations

#### CANADA

##### Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

##### OxyClutch

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).  
All ingredients are listed in the Toxic Substances Control Act (TSCA).  
All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

##### Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)

### 15.3. State regulations

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State or local regulations

The titanium dioxide in this product is bound and is not respirable.  
California Prop. 65 warnings are not required.

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### WARNING:

This product can expose you to Perfluorooctanoic acid (PFOA), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 8/13/2025

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Data sources : ACGIH (American Conference of Government Industrial Hygienists). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

Other information : None.

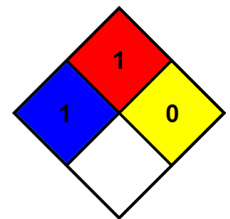
| Full text of hazard classes and H-statements |                              |
|--|------------------------------|
| H351   | Suspected of causing cancer. |

| Abbreviations and acronyms |   |
|----------------------------|---|
|                            | ACGIH (American Conference of Government Industrial Hygienists)                             |
|                            | ATE: Acute Toxicity Estimate  |
|                            | CAS (Chemical Abstracts Service) number   |
|                            | CLP: Classification, Labelling, Packaging.  |
|                            | EC50: Environmental Concentration associated with a response by 50% of the test population. |
|                            | GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).              |
|                            | LD50: Lethal Dose for 50% of the test population  |
|                            | PBT: Persistent, Bioaccumulative, Toxic   |
|                            | TSCA: Toxic Substances Control Act  |

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.