

SNAKE BITE

Safety Data Sheet

SECTION 1: Product and company identification

Product name : SNAKE BITE
Use of the substance/mixture : Drain maintainer
Product code : 0255
Company : GREEN CHEM LABORATORIES
1650 MARKET STREET
SUITE 3631
PHILADELPHIA, PA 19103 - US
T 1-800-964-3151 - F 1-800-336-9068
Emergency number : INFOTRAC: 1-800-535-5053 OR 1-352-323-3500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Acute Tox. 3 (Oral) H301
Acute Tox. 4 (Dermal) H312
Skin Corr. 1A H314

2.2. Label elements

GHS US labelling
Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : Toxic if swallowed.
Harmful in contact with skin.
Causes severe skin burns and eye damage.
Precautionary statements (GHS US) : Do not breathe mist, vapours.
Wash thoroughly after handling
Do not eat, drink or smoke when using this product.
Wear eye protection, protective gloves, protective clothing.
If swallowed: Immediately call a doctor, a POISON CENTER.
If swallowed: rinse mouth. Do NOT induce vomiting.
If on skin: Wash with plenty of water.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER, a doctor.
Call a doctor, a POISON CENTER if you feel unwell.
Specific treatment (see First aid measures on this label).
Specific treatment (see supplemental first aid instruction on this label)
Rinse mouth.
Take off contaminated clothing and wash it before reuse.
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container to comply with local/regional/national/international regulations..

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS-US classification |
|------------------|---------------------|-------|--|
| Sodium Hydroxide | (CAS-No.) 1310-73-2 | 40-70 | Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 |

SNAKE BITE

Safety Data Sheet

| | | | |
|---------------------|---------------------|-----|---|
| Potassium Hydroxide | (CAS-No.) 1310-58-3 | 3-7 | Acute Tox. 3 (Oral), H301 Skin Corr. 1, H314 Eye Dam. 1, H318 |
|---------------------|---------------------|-----|---|

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : 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.
- First-aid measures after skin contact : Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. Take victim to a doctor if irritation persists.
- First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Immediately call a POISON CENTER/doctor.
- First-aid measures after ingestion : Immediately call a POISON CENTER/doctor. Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects : Causes severe skin burns and eye damage.
- Symptoms/effects after inhalation : Corrosive to the respiratory tract.
- Symptoms/effects after skin contact : Harmful in contact with skin. Caustic burns/corrosion of the skin.
- Symptoms/effects after eye contact : Causes serious eye damage. Permanent eye damage.
- Symptoms/effects after ingestion : Toxic if swallowed. Burns to the gastric/intestinal mucosa.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : ABC powder.

5.2. Special hazards arising from the substance or mixture

- Reactivity : Reacts violently with water. Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen).

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water moderately and if possible collect or contain it. Use water spray or fog for cooling exposed containers.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel

- Protective equipment : Gloves. Protective goggles. Face shield.
- Emergency procedures : Keep upwind.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

- For containment : Contain released product, collect/pump into suitable containers.
- Methods for cleaning up : Absorb spillage to prevent material damage. Small quantities of liquid spill: neutralize with acid solution. This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

SNAKE BITE

Safety Data Sheet

- Precautions for safe handling : Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container closed when not in use. Store in original container. Store in a dry place. Store in a closed container. Keep cool.
- Incompatible products : Strong acids.
- Incompatible materials : Metals.
- Storage area : Keep only in the original container. Store in a dry area. Store in a cool area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium Hydroxide (1310-73-2)

| | | |
|-------|------------------|----------------------|
| ACGIH | ACGIH OEL C | 2 mg/m ³ |
| ACGIH | Remark (ACGIH) | URT, eye, & skin irr |
| OSHA | OSHA PEL TWA [1] | 2 mg/m ³ |

Potassium Hydroxide (1310-58-3)

| | | |
|-------|----------------|----------------------|
| ACGIH | ACGIH OEL C | 2 mg/m ³ |
| ACGIH | Remark (ACGIH) | URT, eye, & skin irr |

8.2. Exposure controls

- Personal protective equipment : Face shield. Gloves. Safety glasses. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Clear to hazy liquid
- Odour : Mild odor
- Odour threshold : No data available
- pH : 14
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosive limits : No data available
- Explosive properties : No data available
- Oxidising properties : No data available
- Vapour pressure : No data available
- Relative density : No data available
- Relative vapour density at 20 °C : No data available
- Density : 1.51 g/ml
- Solubility : Soluble in water.
- Partition coefficient n-octanol/water (Log Pow) : No data available
- Partition coefficient n-octanol/water (Log Kow) : No data available
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Viscosity : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available
- VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts violently with water. Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen).

SNAKE BITE

Safety Data Sheet

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Reacts violently with water.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

May be corrosive to metals. Strong acids. metals.

10.6. Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

SNAKE BITE

| | |
|--------------------|-------------------------------|
| LD50 oral rat | 214 mg/kg Potassium Hydroxide |
| LD50 dermal rabbit | 1350 mg/kg Sodium Hydroxide |

Sodium Hydroxide (1310-73-2)

| | |
|--------------------|-----------------------|
| LD50 oral rat | 4090 mg/kg |
| LD50 dermal rabbit | 1350 mg/kg |
| ATE CLP (oral) | 4090 mg/kg bodyweight |
| ATE CLP (dermal) | 1350 mg/kg bodyweight |

Potassium Hydroxide (1310-58-3)

| | |
|----------------|-----------------------|
| LD50 oral rat | 273 mg/kg (Rat, Oral) |
| ATE CLP (oral) | 273 mg/kg bodyweight |

| | |
|-------------------------------------|--|
| Skin corrosion/irritation | : Causes severe skin burns. pH: 14 |
| Serious eye damage/irritation | : Assumed to cause serious eye damage pH: 14 |
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Symptoms/effects after inhalation | : Corrosive to the respiratory tract. |
| Symptoms/effects after skin contact | : Harmful in contact with skin. Caustic burns/corrosion of the skin. |
| Symptoms/effects after eye contact | : Causes serious eye damage. Permanent eye damage. |
| Symptoms/effects after ingestion | : Toxic if swallowed. Burns to the gastric/intestinal mucosa. |
| Likely routes of exposure | : Skin and eyes contact |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---------------------------------|--|
| Potassium Hydroxide (1310-58-3) | |
| LC50 - Fish [1] | 80 mg/l (96 h, Gambusia affinis, Pure substance) |

12.2. Persistence and degradability

| | |
|---------------------------------|-----------------------------------|
| Potassium Hydroxide (1310-58-3) | |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable |
| ThOD | Not applicable |

SNAKE BITE

Safety Data Sheet

| | |
|-----------------|----------------|
| BOD (% of ThOD) | Not applicable |
|-----------------|----------------|

12.3. Bioaccumulative potential

| | |
|---------------------------------|----------------------|
| Potassium Hydroxide (1310-58-3) | |
| Bioaccumulative potential | Not bioaccumulative. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to comply with local/regional/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description (DOT) : UN3266 Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, potassium hydroxide), 8, II
UN-No.(DOT) : UN3266
Proper Shipping Name (DOT) : Corrosive liquid, basic, inorganic, n.o.s.
Class (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard labels (DOT) : 8 - Corrosive



Packing group (DOT) : II - Medium Danger
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Symbols : G - Identifies PSN requiring a technical name
DOT Special Provisions (49 CFR 172.102) : B2,IB2,T11,TP2,TP27
DOT Packaging Exceptions (49 CFR 173.xxx) : 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L
DOT Vessel Stowage Location : B
DOT Vessel Stowage Other : 40 - Stow "clear of living quarters",52 - Stow "separated from" acids

Additional information

Other information : When transported by ground, this product may be eligible to be shipped as a Limited Quantity utilizing the exception found at 49 CFR 173.154. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may be required.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

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

This product or mixture does not 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.

| | | |
|---------------------|-------------|------------------|
| Sodium Hydroxide | (1310-73-2) | CERCLA RQ1000 lb |
| Potassium Hydroxide | (1310-58-3) | CERCLA RQ1000 lb |

WARNING

This product can expose you to cadmium (non-pyrophoric), 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.

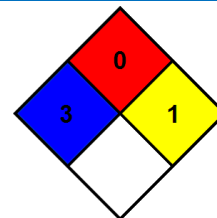
SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

SNAKE BITE

Safety Data Sheet

NFPA health hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.
NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity : 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



Prepared by: Technical Department

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. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.