

# Safety Data Sheet

SEPTIC TANK & CESSPOOL CLEANER

SDS Revision Date:

12/12/2022



## 1. Identification

### 1.1. Product identifier

**Product Identity**

SEPTIC TANK & CESSPOOL CLEANER

**Alternate Names**

30-648, Blended Formula, Septic Tank & Cesspool Cleaner, Crystal Septic Tank & Cesspool Cleaner- 5 lb

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use**

It is used to open clogged grease traps, septic tanks, and cesspool pipes and lines by rapidly liquifying solid organic matter.

**Application Method**

Read all precautions and instructions carefully before and after use.

### 1.3. Details of the supplier of the safety data sheet

**Company Name**

ComStar International Inc.

20-47 128th Street,  
College Point, NY 11356

**Telephone No.**

718-445-7900  
800-328-0142  
Fax: 718-353-5998

**Emergency 24 HR response No:** 1-800-424-9300 & 703-527-3887 CHEMTREC

Note: The CHEMTREC phone number is only for emergencies involving spills, leaks, fire, exposure, or accident. Please direct all other inquiries to our customer service phone number.

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

Metal Corr 1; H290

May be corrosive to metals

Skin Corr 1A; H314

Causes severe skin burns and eye damage.

Eye Dam. 1; H318

Causes serious eye damage.

Aquatic environment-3;  
Acute Hazard H402

Harmful to aquatic life.

### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Signal word**

**Warning**

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- H290 May be corrosive to metals.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H402 Harmful to aquatic life

### [Prevention]:

- P260 Do not breathe mist / vapors / spray.
- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear eye protection, face protection, protective clothing, protective gloves.

### [Response]:

- P301+330+331 If swallowed: Rinse mouth. Do not induce vomiting.
- P303+361 +353 If on skin (or hair): Remove I Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P304+340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351 +338 If in eyes: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P310 Immediately call a poison center or doctor / physician.
- P363 Wash contaminated clothing before reuse.

### [Storage]:

- P405 Store locked up.

### [Disposal]:

- P501 Dispose of contents / container in accordance with local / national regulations.

## 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
SODIUM HYDROXIDE FLAKES CAS #: 1310-73-2	>90	Skin Corr. 1B H314 Eye Dam. 1 H318 Aquatic Acute 3 H402	

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

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## 4.1. Description of first aid measures

<b>General</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>Inhalation</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
<b>Eyes</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

no data available

## 5. Fire-fighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

### 5.2. Special hazards arising from the substance or mixture

Sodium oxides

### 5.3. Advice for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

### 5.4 Further information

no data available

**ERG Guide No.** ---137

## 6. Accidental release measures

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

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist, or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 6.3. Methods and material for containment and cleaning up

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Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## 6.4. Reference to other sections

For disposal see section 13.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### 7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## 8. Exposure controls and personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

### 8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with 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.

##### Body Protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) 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).

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## Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

CAS No.	Ingredient	Source	Value
1310-73-2	SODIUM HYDROXIDE FLAKES	OSHA Pel (TWA) mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
		ACGIH Ceiling mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
		US IDLH (mg/m <sup>3</sup> )	10 mg/ m <sup>3</sup>
		NIOSH REL (ceiling) mg/m <sup>3</sup>	No Established Limit

## 9. Physical and chemical properties

<b>Appearance</b>	White Flakes
<b>Odor</b>	None
<b>Odor threshold</b>	Odorless
<b>pH</b>	14 at 50 g/l at 20 °C
<b>Melting point/freezing point</b>	318 °C
<b>Initial boiling point and boiling range</b>	1.390 °C
<b>Flash Point</b>	Not applicable
<b>Evaporation rate (Ether = 1)</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> 135°C(275°F): NA <b>Upper Explosive Limit:</b> 199°C(390°F): NA
<b>Vapor pressure (Pa)</b>	< 24,00 hPa at 20 °C 4,00 hPa at 37 °C
<b>Vapor Density at 20 °C</b>	1,38 - (Air = 1.0)
<b>Relative density</b>	2,1300 g/cm <sup>3</sup>
<b>Specific Gravity</b>	Not Applicable
<b>Solubility in Water</b>	ca.1.260 g/l at 20 °C
<b>Partition coefficient n-octanol/water (Log Kow)</b>	No data available
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity, kinematic</b>	No data available

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<b>Viscosity, dynamic</b>	No data available
<b>Volatiles (% by weight)</b>	N/A
<b>Octanol/Water Partition Coefficient</b>	N/A
<b>Explosive limits</b>	No data available
<b>Explosive properties</b>	Not applicable
<b>Oxidising properties</b>	None

## 9.2. Other safety information

Bulk density	ca.1.150 kg/m <sup>3</sup>
Relative vapour density	1,38 - (Air = 1.0)

## 10. Stability and reactivity

### 10.1. Reactivity

no data available

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

no data available

### 10.4. Conditions to avoid

no data available

### 10.5. Incompatible materials

Strong oxidizing agents, Strong acids, Organic materials

### 10.6. Hazardous decomposition products

In the event of fire: see section 5

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

no data available

#### Skin corrosion/irritation

Skin - rabbit

Result: Causes severe burns. - 24 h

#### Serious eye damage/eye irritation

Eyes - rabbit

Result: Corrosive - 24 h

#### Respiratory or skin sensitisation

Will not occur

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## Germ cell mutagenicity

no data available

## Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

## Reproductive toxicity

no data available

## Specific target organ toxicity - single exposure

no data available

## Specific target organ toxicity - repeated exposure

no data available

## Aspiration hazards

no data available

## Additional Information

RTECS: Not available

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

## 12. Ecological information

### 12.1 Toxicity

Toxicity to fish LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h  
LC50 - Oncorhynchus mykiss (rainbow trout) - 45,4 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates  
Immobilization EC50 - Daphnia - 40,38 mg/l - 48 h

### 12.2. Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

Harmful to aquatic life.

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## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging Dispose of as unused product.

Dispose of as unused product

## 14. Transport information

NOTE: Containers holding less than 1 kilo (2.2 lbs.) are shipped as non-hazardous. LTD QTY

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	UN 1823	UN 1823	UN 1823
<b>14.2. UN proper shipping name</b>	UN 1823, Sodium Hydroxide Flakes, limited quantity (each not exceeding 1 L capacity).	UN 1823, Sodium Hydroxide Flakes, limited quantity (each not exceeding 1 L capacity).	UN 1823, Sodium Hydroxide Flakes, limited quantity (each not exceeding 1 L capacity).
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class: 8</b>	<b>IMDG: 8</b> <b>Sub Class: Not Applicable</b>	<b>Air Class: 8</b>
<b>14.4. Packing group</b>	II-Medium danger	II	II
<b>14.5. Hazard label 8- corrosive</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user</b>	No further information		



**Corrosive 8**

DOT Packaging Non Bulk (49 CFR 173.xxx) 212

DOT Packaging Bulk (49 CFR 173.xxx) 240

DOT Special Provisions (49 CFR 172.102)

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IB8 - Authorized IBCs: Metal (11A, 11B, 11N, 21A, 21B, 21N, 31A, 31B and 31N); Rigid plastics (11H1, 11H2, 21H1, 21H2, 31H1 and 31H2); Composite (11HZ1, 11HZ2, 21HZ1, 21HZ2, 31HZ1 and 31HZ2); Fiberboard (11G); Wooden (11C, 11D and 11F); Flexible (13H1, 13H2, 13H3, 13H4, 13H5, 13L1, 13L2, 13L3, 13L4, 13M1 or 13M2). IP2 -When IBCs other than metal or rigid plastics IBCs are used, they must be offered for transportation in a closed freight container or a closed transport vehicle. IP4 - Flexible, fiberboard or wooden IBCs must be sift-proof and water-resistant or be fitted with a sift-proof and water-resistant liner. T3 - 2.65 178.274(d)(2) Normal..... 178.275(d)(2)

TP33 - The portable tank instruction assigned for this substance applies for granular and powdered solids and for solids which are filled and discharged at temperatures above their melting point which are cooled and transported as a solid mass. Solid substances transported or offered for transport above their melting point are authorized for transportation in portable tanks conforming to the provisions of portable tank instruction T4 for solid substances of packing group III or T7 for solid substances of packing group II, unless a tank with more stringent requirements for minimum shell thickness, maximum allowable working pressure, pressure-relief devices or bottom outlets are assigned in which case the more stringent tank instruction and special provisions shall apply. Filling limits must be in accordance with portable tank special provision TP3. Solids meeting the definition of an elevated temperature material must be transported in accordance with the applicable requirements of this subchapter.

DOT Packaging Exceptions (49 CFR 173.xxx) 154

DOT Quantity Limitations Passenger aircraft/rai 15 kg

(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) 50 kg

DOT Vessel Stowage Location A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other 52 - Stow "separated from" acids

Other information No supplementary information available.

## 15. Regulatory information

### 15.1. US Federal regulations

<b>Sodium Hydroxide Flakes (1310-73-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000lb
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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**15.2. International regulations**

**CANADA**

<b>Sodium Hydroxide Flakes (1310-73-2)</b>
Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations**

No additional information available

**National regulations**

No additional information available

**15.3. US State regulations**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

**16. Other information**

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

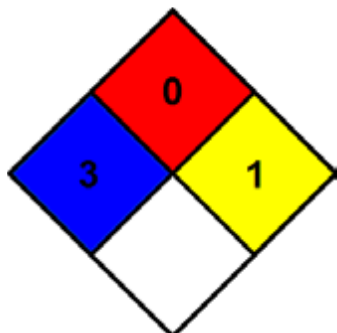
NFPA health hazard      3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard        0 - Materials that will not burn under typical dire 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.

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Hazard Rating Health treatment is given	3 Serious Hazard - Major injury likely unless prompt action is taken and medical
Flammability	0 Minimal Hazard - Materials that will not burn
Physical	1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.
Personal protection	F F-Safety glasses, Gloves, Synthetic apron, Dust respirator

The opinions expressed are those of qualified experts within ComStar International Inc. We believe that the information contained is current as of the date of the Safety Data Sheet. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ComStar International Inc., it is the user's obligation to determine the conditions of safe use of the product.

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