

# Safety Data Sheet

STEAM CLEAN

SDS Revision Date:

12/12/2022



## 1. Identification

### 1.1. Product identifier

**Product Identity**

STEAM CLEAN

**Alternate Names**

35-213, Blended Formula, Steam Clean, Priming, Foaming, & Surging Treatment- Color Coded- 8 oz

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

**Intended use**

Steam Clean works like a sponge to absorb any oil, sludge or grease and helps stop priming, foaming, and surging in steam boilers.

**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

Classification This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious Eye Damage/Eye Irritation Category 2A; H319

Carcinogenicity Category 1A; H350

Specific target organ toxicity (single exposure) Category 3; H335

Target Organs - Respiratory system.

Specific target organ toxicity - (repeated exposure) Category 1; H372

Target Organs - Lungs.

### 2.2. Label elements

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



**Warning**

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## [Hazard Statements]:

Causes serious eye irritation

May cause respiratory irritation

May cause cancer

Causes damage to organs through prolonged or repeated exposure

## [Prevention]:

Obtain special instructions before use

Do not handle until all safety precautions have been

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

## [Response]:

If exposed or concerned: Get medical attention/advice

Inhalation

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Eyes

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing If eye irritation persists: Get medical advice/attention

## [Storage]:

Store locked up Store in a well-ventilated place. Keep container tightly closed

## [Disposal]:

Dispose of contents/container to an approved waste disposal plant

## Hazards not otherwise classified (HNOC)

WARNING. Cancer - <https://www.p65warnings.ca.gov/>.

### 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
FILTER AID CAS#: 68855-54-9	<90	Causes serious eye damage. 2A; H319 STOT single exposure- respiratory 3; H335 May cause cancer. 1A; H350	

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		STOT repeated exposure-lungs 1; H372	
AR 979-D	>10	Not classified	

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

### 4.1. Description of first aid measures

<b>General</b>	If symptoms persist, call a physician.
<b>Inhalation</b>	Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur
<b>Eyes</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Skin</b>	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur

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

<b>Overview</b>	No specific symptom data available. See section 2 for further details.
<b>Notes to Physician</b>	Treat symptomatically

## 5. Fire-fighting measures

### 5.1. Extinguishing media

#### Suitable Extinguishing Media

Substance is nonflammable; use agent most appropriate to extinguish surrounding fire.

#### Unsuitable Extinguishing Media

No information available

Flash Point Not applicable

Method - No information available

Autoignition Temperature No information available

Explosion Limits

Upper No data available

Lower No data available

Sensitivity to Mechanical Impact No information available

Sensitivity to Static Discharge No information available

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

Non-combustible. None reasonably foreseeable.

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## Hazardous Combustion Products

None under normal use conditions.

### 5.3. Advice for fire-fighters

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

### NFPA

Health	Flammability	Instability	Physical hazards
2	0	0	N/A

## 6. Accidental release measures

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

Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.

### 6.2. Environmental precautions

Should not be released into the environment.

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

Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Wear personal protective equipment/face protection. Ensure adequate ventilation. Avoid dust formation. Avoid ingestion and inhalation. Do not get in eyes, on skin, or on clothing.

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

Keep containers tightly closed in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

No data available.

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## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico OEL (TWA)
FILTER AID	TWA: 0.025 mg/m3	(Vacated) TWA: 0.05 mg/m3 TWA: 50 µg/m3	IDLH: 25 mg/m3 TWA: 0.05 mg/m3	TWA: 0.025 mg/m3

#### Legend

**ACGIH** - American Conference of Governmental Industrial Hygienists

**OSHA** - Occupational Safety and Health Administration

**NIOSH IDLH**: NIOSH - National Institute for Occupational Safety and Health

#### Engineering Measures

Ensure adequate ventilation, especially in confined areas. Ensure that eye wash stations and safety showers are close to the workstation location.

#### Personal Protective Equipment

##### Eye/face Protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

##### Skin and body protection

Wear appropriate protective gloves and clothing to prevent skin exposure.

##### Respiratory Protection

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirators if exposure limits are exceeded or if irritation or other symptoms are experienced.

##### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

**Appearance**

Tan Powder

**Odor**

Slight odor

**Odor threshold**

Not Measured

**pH**

5 - 10

**Melting point / freezing point**

1710 °C / 3110 °F

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<b>Initial boiling point and boiling range</b>	2230 °C / 4046 °F
<b>Flash Point</b>	None
<b>Evaporation rate (Ether = 1)</b>	Not Measured
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> 135C(275F): NA <b>Upper Explosive Limit:</b> 199C(390F): NA
<b>Vapor pressure (Pa)</b>	10 mmHg @ 1732 °C
<b>Vapor Density</b>	Not Measured
<b>Specific Gravity</b>	1.9 - 2.35
<b>Solubility in Water</b>	Insoluble in water
<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	(ASTM D 2155): NA
<b>Decomposition temperature</b>	Not Measured
<b>Viscosity (cSt)</b>	25C/77F: NA
<b>Volatiles (% by weight)</b>	NA
<b>Octanol/Water Partition Coefficient</b>	NA
Molecular Formula	SiO <sub>2</sub>
Molecular Weight	60.0843
<b>9.2. Other information</b>	
No other relevant information.	

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

None under normal use conditions

### 10.4. Conditions to avoid

Avoid dust formation

### 10.5. Incompatible materials

None known

### 10.6. Hazardous decomposition products

No hazardous decomposition data available.

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## 11. Toxicological information

### Acute Toxicity

**Product Information** No acute toxicity information is available for this product

**Oral LD50** Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg. **Dermal LD50** Based on ATE data, the classification criteria are not met. ATE > 2000 mg/kg. **Mist LC50** Based on ATE data, the classification criteria are not met. ATE > 5 mg/l.

### Component Information

**Toxicologically Synergistic Products** No information available

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

**Irritation** Irritating to eyes and respiratory system

**Sensitization** No information available

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
FILTER AID	68855-54-9	Not listed	Not listed	Not listed	Not listed	Not listed

**IARC** (International Agency for Research on Cancer) IARC (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans Group 2A - Probably Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans

**NTP:** (National Toxicity Program) NTP: (National Toxicity Program) Known - Known Carcinogen Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

**ACGIH:** (American Conference of Governmental Industrial Hygienists) A1 - Known Human Carcinogen A2 - Suspected Human Carcinogen A3 - Animal Carcinogen ACGIH: (American Conference of Governmental Industrial Hygienists)

**Mutagenic Effects** No information available

**Reproductive Effects** No information available.

**Developmental Effects** No information available.

**Teratogenicity** No information available.

**STOT - single exposure** Respiratory system

**STOT - repeated exposure** Lungs

**Aspiration hazard** No information available

**Symptoms / effects, both acute and delayed** No information available

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**Endocrine Disruptor Information** No information available

**Other Adverse Effects** The toxicological properties have not been fully investigated.

## 12. Ecological information

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 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

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport information

	<b>DOT (Domestic Surface Transportation)</b>	<b>IMO / IMDG (Ocean Transportation)</b>	<b>ICAO/IATA</b>
<b>14.1. UN number</b>	Not Applicable	Not Regulated	Not Regulated
<b>14.2. UN proper shipping name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3. Transport hazard class(es)</b>	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
<b>14.4. Packing group</b>	Not Applicable	Not Applicable	Not Applicable
<b>14.5. Environmental hazards</b>			
<b>IMDG</b>	Marine Pollutant: No		
<b>14.6. Special precautions for user</b>			

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No further information

## 15. Regulatory information

### United States of America Inventory

Component	CAS-No	TSCA	TSCA Inventory notification - Active/Inactive	TSCA - EPA Regulatory Flags
Filter Aid	68855-54-9	X	ACTIVE	---

#### Legend:

**TSCA** - Toxic Substances Control Act, (40 CFR Part 710)

X - Listed

'-' - Not Listed

**TSCA 12(b) - Notices of Export** Not applicable

### International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

Component	CAS-No	DSL	NDSL	EINECS	PICCS	ENCS	AICS	IECSC	KECL
Filter Aid	68855-54-9	X	---	272-489-0	X	X	X	X	KE-21796

U.S. Federal Regulations

SARA 313 Not applicable

SARA 311/312 Hazard Categories See section 2 for more information

CWA (Clean Water Act) Not applicable

Clean Air Act Not applicable

OSHA - Occupational Safety and Health Administration Not applicable

Component	Specifically Regulated Chemicals	Highly Hazardous Chemicals
Filter Aid	50 µg/m3 TWA 25 µg/m3 Action Level	---

**CERCLA** Not applicable

**California Proposition 65** This product contains the following Proposition 65 chemicals

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Component	CAS-No	California Prop. 65	Prop 65 NSRL	Category
Filter Aid	68855-54-9	Carcinogen	---	Carcinogen

## U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Filter Aid	---	---	X	--	---

## U.S. Department of Transportation

Reportable Quantity (RQ): N

DOT Marine Pollutant N

DOT Severe Marine Pollutant N

**U.S. Department of Homeland Security** This product does not contain any DHS chemicals.

## Other International Regulations

**Mexico** - Grade No information available

## 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 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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