

# Safety Data Sheet (SDS)

## Section 1 - Chemical Product and Company Information

Product Name: SURTREAT Bio Grease Buster

Code: A777

Manufacturer:

Surtreat Solutions Inc.  
437 Grant Street,  
Pittsburgh, PA 15219.

Telephone 412-281-1202  
www.surtreat.com

In case of transportation or  
chemical emergency contact:

ChemTel, Inc  
1-800-255-3924 (24 hours)

Product Use: Hard surface cleaning  
Not recommended for: Food contact surfaces

## Section 2 - Hazards

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

### GHS Ratings:

|                |              |  |
|----------------|--------------|--|
| Oral Toxicity  | Acute Tox. 4 | Oral>300+<=2000mg/kg   |
| Skin corrosive | 2            | Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation |
| Eye corrosive  | 2A           | Eye irritant: Subcategory 2A, Reversible in 21 days  |

### GHS Hazards

|      |                               |
|------|-------------------------------|
| H302 | Harmful if swallowed          |
| H315 | Causes skin irritation        |
| H319 | Causes serious eye irritation |

### GHS Precautions

|                |   |
|----------------|---|
| P264           | Wash hands and exposed skin thoroughly after handling   |
| P270           | Do not eat, drink or smoke when using this product  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection   |
| P321           | Specific treatment (see Section 4 on this label)  |
| P330           | Rinse mouth   |
| P362           | Take off contaminated clothing and wash before reuse  |
| P301+P312      | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell   |
| P302+P352      | IF ON SKIN: Wash with soap and water  |
| P305+P351+P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing |

P332+P313  
P337+P313  
P501

If skin irritation occurs: Get medical advice/attention  
Get medical advice/attention  
Dispose of contents/container in accordance with local/ regional/ national,  
regulations.

**Signal Word: Warning**



Preexisting skin, eye, and respiratory disorders may be aggravated by exposure to this product.

### Section 3 - Composition

| Chemical Name                 | CAS number | Weight Concentration % |
|-------------------------------|------------|------------------------|
| Water                         | 7732-18-5  | 80.00% - 90.00%        |
| Alcohols, C9-11, ethoxylated  | 68439-46-3 | 10.00% - 20.00%        |
| dodecyl benzene sulfonic acid | 68584-22-5 | 1.00% - 5.00%          |

### Section 4 - First Aid Measures

**INHALATION** - Take affected persons out into the fresh air. Supply fresh air; consult doctor in case of complaints.  
Provide oxygen treatment if affected person has difficulty breathing.  
In case of irregular breathing or respiratory arrest provide artificial respiration.  
In case of unconsciousness place patient stably in side position for transportation.

**EYE CONTACT** - In case of eye contact, flush the eyes with water for fifteen (15) minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician examine the eyes.

**SKIN CONTACT** - Immediately remove any clothing soiled by the product.  
Immediately wash with water and soap and rinse thoroughly.  
Rinse until skin no longer feels slippery.  
If skin irritation continues, consult a doctor.

**INGESTION** - If material is ingested, rinse out mouth with water and seek immediate medical attention. Do not induce vomiting but if vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs. If victim is conscious drink large quantities of water to dilute stomach contents.  
Notes to Physician: If swallowed, gastric irrigation with added, activated carbon.  
If swallowed or in case of vomiting, danger of entering the lungs.  
If necessary oxygen respiration treatment.

### Section 5 - Fire Fighting Measures

Flash Point: None

LEL:

UEL:

**EXTINGUISHING MEDIA:** This product is not inherently flammable. Use media appropriate for surrounding fire.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:** None

**HAZARDOUS COMBUSTION PRODUCTS:** See section 10 for a list of hazardous decomposition products for this mixture.

**FIRE FIGHTING:** If evacuation of personnel is necessary, evacuate to an upwind area. Decontaminate personnel and equipment with a water wash-down after fire and smoke exposure.

**FIRE FIGHTING EQUIPMENT:** Firemen and emergency responders: wear full turnout gear or Level A equipment, including positive-pressure, self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

**SPILL AND LEAK PROCEDURES:** Spill supervisor - Ensure cleanup personnel wear all appropriate Personal Protective Equipment (PPE), including respiratory protection. Keep nonessential personnel away from the contaminated area. Spilled product may be very slippery!

**SMALL SPILLS:** Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Plastic or steel containers are acceptable for all wastes. Rinse residue with water.

Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

**LARGE SPILLS:** Prevent this material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered or may enter, sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Mix the appropriate sorbent into the spilled material. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Collect the saturated sorbent and transfer it into a covered container. Plastic or steel containers are acceptable for all wastes. Rinse residue with water.

Label the waste container. Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

## Section 7 - Handling and Storage

**HANDLING PRECAUTIONS:** Wear all appropriate Personal Protective Equipment (PPE). Wear respiratory protection or ensure adequate ventilation at all times as vapors can accumulate in confined or poorly ventilated areas. Avoid aerosolizing product. Use the product in a manner which minimizes splashes and/or the creation of dust. Keep containers closed when not in use. Store at room temperatures, i.e., 40 to 95 F (4 to 35 C).

Do not allow product to come in contact with aluminum.

**STORAGE: Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Provide ventilation for receptacles.

· **Information about storage in one common storage facility:**

Store away from foodstuffs.  
 Do not store together with acids.  
 · **Further information about storage conditions:**  
 Store in cool, dry conditions in well sealed receptacles.  
 Keep container tightly sealed.

**REGULATORY REQUIREMENTS:** No data found.

| Section 8 - Exposure Controls / Personal Protection |                      |                       |                       |
|---|----------------------|-----------------------|-----------------------|
| Chemical Name / CAS No.                             | OSHA Exposure Limits | ACGIH Exposure Limits | Other Exposure Limits |
| Water<br>7732-18-5                                  | Not Established      | Not Established       | Not Established       |
| Alcohols, C9-11, ethoxylated<br>68439-46-3          | Not Established      | Not Established       | Not Established       |
| dodecyl benzene sulfonic acid<br>68584-22-5         | Not Established      | Not Established       | Not Established       |

**ENGINEERING:**

**VENTILATION:** Use only with adequate ventilation, i.e., ventilation in compliance with occupational exposure limits. Use mechanical ventilation to reduce buildup of vapors in enclosed areas.

**ADMINISTRATIVE CONTROLS:** Read SDS and follow recommended procedures.

**PROTECTIVE EQUIPMENT:** Wear splash goggles. If extra protection is required, wear a face shield over the splash goggles. Face shields are effective only if worn in addition to splash goggles.

Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material.

Wear chemical-resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

Respiratory protection may not be needed if the local exhaust is sufficient to maintain levels of hazardous ingredients below occupational exposure limits. If needed, use a NIOSH/MSHA approved respirator equipped with a full facepiece, organic vapor cartridges, and high-efficiency, particulate air (HEPA) filters. Do not use respirators beyond their capabilities. FOR EMERGENCIES AND UNKNOWN CONCENTRATIONS, use supplied-air respiratory protection or a positive-pressure, self-contained breathing apparatus (SCBA).

**CONTAMINATED EQUIPMENT:** Dispose of the waste in compliance with all Federal, state, regional, and local regulations.

|  |
|--|
| Section 9 - Physical and Chemical Properties |
|--|

This mixture typically exhibits the following properties under normal circumstances:

|   |   |
|---|---|
| <p><b>Appearance:</b> Opaque liquid</p> <p><b>Vapor Pressure:</b> 17.0 mmHg</p> <p><b>Vapor Density:</b> 0.6</p> <p><b>Specific Gravity:</b> 1.01</p> | <p><b>Odor:</b> Mild</p> <p><b>Odor threshold:</b> No Data</p> <p><b>pH:</b> 6 - 8</p> <p><b>Melting point:</b> No Data</p> |
|---|---|

|  |   |
|--|---|
| <p><b>Freezing point:</b> No Data</p> <p><b>Boiling range:</b> 100°C</p> <p><b>Evaporation rate:</b> No Data</p> <p><b>Explosive Limits:</b> Not applicable</p> <p><b>Autoignition temperature:</b> No Data</p> <p><b>Viscosity:</b> No Data</p> | <p><b>Solubility:</b> No Data</p> <p><b>Flash point:</b> None</p> <p><b>Flammability:</b> No Data</p> <p><b>Partition coefficient (n-octanol/water):</b> No Data</p> <p><b>Decomposition temperature:</b> No Data</p> <p><b>Grams VOC less water:</b> No Data</p> |
|--|---|

## Section 10 - Stability and Reactivity

Stability: Hazardous polymerization will not occur.

STABLE

Components of this mixture are incompatible with the following materials: None known

This mixture is likely to exhibit the following combustion products:  
Oxides of carbon and sulfur.

## Section 11 - Toxicological Information

### Mixture Toxicity

#### Component Toxicity

|            |   |
|------------|---|
| 68439-46-3 | Alcohols, C9-11, ethoxylated<br>Oral LD50: 2,001 mg/kg (rat) Dermal LD50: 3,300 mg/kg (rat)   |
| 68584-22-5 | dodecyl benzene sulfonic acid<br>Oral LD50: 501 mg/kg (rat) Dermal LD50: 2,001 mg/kg (rabbit) |

Exposure to this material may affect the following organs:

### Effects of Overexposure

**Carcinogenicity:** The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

| <u>CAS Number</u> | <u>Description</u> | <u>% Weight</u> | <u>Carcinogen Rating</u> |
|-------------------|--------------------|-----------------|--------------------------|
|-------------------|--------------------|-----------------|--------------------------|

## Section 12 - Ecological Information

Ecological information: No data found.

### Component Ecotoxicity

Alcohols, C9-11, ethoxylated

Toxicity to fish - Components  
Alcohols, C9-11, ethoxylated LC50 (96 h) : 1 - 10 mg/l Species : Fathead minnow (Pimephales promelas).  
Toxicity to daphnia - Components  
Alcohols, C9-11, ethoxylated EC50 (48 h) : 1 - 10 mg/l Species : Daphnia  
Toxicity to algae - Components  
Alcohols, C9-11, ethoxylated ErC50 (96 h) : 1 - 10 mg/l Species : Algae.

dodecyl benzene sulfonic acid

Algae EC50 Algae 47.3 mg/l, 72 hours  
Crustacea EC50 Daphnia 2.4 mg/l, 48 hours  
Fish LC50 Fish 1.67 mg/l, 96 hours

**Section 13 - Disposal Considerations**

As the US EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator, to learn of and satisfy all the requirements which affect you. Dispose of the hazardous waste at a properly licensed and permitted disposal site or facility. Ensure conformity to all applicable hazardous waste disposal regulations.

The US EPA Hazardous Waste Numbers which follow are applicable to this unadulterated product if the product enters the "waste stream." Refer to Title 40 of the Code of Federal Regulations, Part 261 (40 CFR 261). This part of the Code identifies solid wastes which are subject to regulation under various sections of the Code and which are subject to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act (RCRA).

**Section 14 - Transport Information**

This material is classified for transport as follows:

| <u>Agency</u> | <u>Proper Shipping Name</u> | <u>UN Number</u> | <u>Packing Group</u> | <u>Hazard Class</u> |
|---------------|-----------------------------|------------------|----------------------|---------------------|
| US DOT        | Non Regulated               |                  |                      |                     |

**Section 15 - Regulatory Information**

Additional regulatory listings, where applicable.

| <u>Country</u> | <u>Regulation</u>                 | <u>All Components Listed</u> |
|----------------|-----------------------------------|------------------------------|
| Canada         | Canadian Domestic Substances List | No                           |
| US             | Toxic Substances Control Act      | Yes                          |

**EU Risk Phrases**

**Safety Phrase**

**Toxic Substances Control Act (TSCA):** All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory:

- None

**Section 16 - Other Information**

## Hazardous Material Information System (HMIS)

## National Fire Protection Association (NFPA)

|                     |                                |
|---------------------|--------------------------------|
| HEALTH              | <input type="text" value="2"/> |
| FLAMMABILITY        | <input type="text" value="0"/> |
| PHYSICAL HAZARD     | <input type="text" value="0"/> |
| PERSONAL PROTECTION | <input type="text"/>           |

### HMIS & NFPA Hazard Rating Legend

\* = Chronic Health Hazard

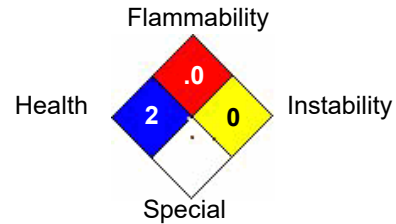
0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

4 = SEVERE



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Reviewer Revision

Date Prepared: 6/22/2023