



SAFETY DATA SHEET

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Super Biotene™ 550

SDS No.: Super Biotene 550_0721

SECTION 1: IDENTIFICATION

PRODUCT NAME:	SUPER BIOTENE 550
GENERAL USE:	CLEANING COMPOUND, PARTS CLEANING FLUID CONCENTRATE
ALTERNATE NAMES:	SUPER BIOTENE CONCENTRATE, GM550-1, GM550-QT
MANUFACTURED FOR:	GRAYMILLS CORPORATION 2601 S. 25 TH AVENUE, BROADVIEW, IL 60155 USA 773-248-6825
MANUFACTURER:	LA CHEMICAL 2415 GARDNER ROAD, BROADVIEW, IL 60155 USA 708-345-6880
EMERGENCY:	CHEMTREC 1-800-424-9300 (within the U.S.) +1-703-741-5500 (outside of U.S.) AAPCC Poison Help 1-800-222-1222

SECTION 2: HAZARD IDENTIFICATION

GHS Classification:

Health:

Acute Toxicity (Oral), Category 4
Eye Irritation, Category 2A
Skin Irritation, Category 2

Environmental:

Acute Hazards to the Aquatic Environment, Category 3

GHS Label:



SIGNAL WORD: WARNING

HAZARD STATEMENTS

H316: Causes mild skin irritation.
H320: Causes eye irritation.
H302: Harmful if swallowed.
H402: Harmful to aquatic life.

PRECAUTIONARY STATEMENTS

Prevention:

P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P271: Use only outdoors or in a well-ventilated area.
P264: Wash exposed skin thoroughly after handling.

Response:

P101: If medical advice is needed, have product container or label at hand.

P303+P361+P353:

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P301+P312:

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P363: Wash contaminated clothing before reuse.

P305+P351+P338:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage: P402+P404: Store in a dry place. Store in a closed container.

Disposal: P501: Dispose of content and container in accordance with local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Water	95	7732-18-5

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: **DO NOT INDUCE VOMITING!** Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Adverse symptoms may include pain or irritation, watering, and redness.

SKIN: Adverse symptoms may include irritation and redness.

INGESTION: Adverse symptoms may include nausea and vomiting.

INHALATION: Adverse symptoms may include respiratory tract irritation and coughing.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not Applicable

EXTINGUISHING MEDIA: This product is non-flammable and will not support combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spilled material if possible. Absorb with materials such as: Non-combustible material. Collect in suitable and properly labeled containers.

LARGE SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

GENERAL PROCEDURES: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air). Water polluting material may be harmful to the environment if released in large quantities.

SECTION 7: HANDLING AND STORAGE

GENERAL PROCEDURES: Use only in a well ventilated area.

HANDLING: Do not get in eyes. Do not swallow. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation. See section 8, Exposure Controls and Personal Protection.

STORAGE: Store in accordance with local regulations. Store in a segregated and approved area in original container protected from sunlight in a dry, cool and well-ventilated and approved area away from incompatible materials. Keep container closed to prevent drying out. Move container away from oxidizing materials. Use appropriate containment to avoid environmental contamination.

STORAGE TEMPERATURE: Store in a cool place below 120 °F and 49 °C.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there is not applicable exposure limit requirements or guidelines; use only adequate ventilation. Local exhaust ventilation may be necessary for some operations.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

SKIN: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

RESPIRATORY: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PROTECTIVE CLOTHING: Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

ODOR:	Slight rose odor
APPEARANCE:	Clear light golden solution
PHYSICAL STATE	
COMMENTS:	This product is non-flammable and will not support combustion.
pH:	7
FLASH POINT AND METHOD:	Not Applicable
AUTOIGNITION TEMPERATURE:	Not Applicable
VAPOR PRESSURE:	Not Applicable
VAPOR DENSITY:	Not Applicable
BOILING POINT:	99°C (210°F)
SOLUBILITY IN WATER:	Completely soluble in water
SPECIFIC GRAVITY:	1.083
VOC:	None

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Normally reactive if handled properly

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization.

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: None

POSSIBILITY OF HAZARDOUS REACTIONS: None Expected.

HAZARDOUS DECOMPOSITION PRODUCTS: None

INCOMPATIBLE MATERIALS: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: Not yet Determined

ORAL LD₅₀: Not yet Determined

INHALATION LC₅₀: Not yet Determined

EYE EFFECTS: Vapors are irritating to the eyes. Splashes may cause severe irritation with stinging, tearing, redness and pain.

SKIN EFFECTS: The ingredients are deemed non-corrosive by DOT regulations. May cause redness and irritation to the skin.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No environmental data has been collected for this product.

BIOACCUMULATION/ACCUMULATION: This product has a low potential to bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: The generation of waste should be avoided or minimized whenever possible. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an RCRA approved incinerator or disposed in an RCRA approved waste facility. Dispose in accordance with all local, state, and federal regulations.

FOR LARGE SPILLS: Do not allow product to reach sewage system.

PRODUCT DISPOSAL: Disposal must be made according to official regulations.

EMPTY CONTAINER: Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

SECTION 14: TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: This product is not regulated but the DOT under 49 CFR

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: This product is not regulated but the DOT under 49 CFR

VESSEL (IMO/IMDG)

SHIPPING NAME: This product is not regulated but the DOT under 49 CFR

SECTION 15: REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311 / 312 HAZARD CATEGORIES: Not Hazardous

FIRE: No

PRESSURE GENERATING: No

REACTIVITY: No

ACUTE: No

CHRONIC: No

313 REPORTABLE INGREDIENTS None Reportable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Water	7732-18-5

TSCA STATUS: All ingredients are listed on the TSCA chemical substance inventory.

RCRA STATUS: Not Applicable

SECTION 16: OTHER INFORMATION

HMIS RATING

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	H

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