

OneTAB[®] Safety Data Sheet

1. Product Identification

OneTAB FLEX™ 500 mL–3,785ml (OT-FLEX)	
Product Identification	
Product Code:	OT-FLEX
Product Name:	OneTAB [®] FLEX™ 500 ML–3,785ml (OT-FLEX)
Product Type:	Finished product – For hospital use
Recommended use:	Non-enzymatic detergent for endoscopes and instruments
Email Address:	info@clinicalchoice.com
Mailing Address:	Clinical Choice LLC 7300 Cessna Drive Greensboro, NC 27409 Emergency Phone Number: 1-877-572-9985

For Hazardous Materials [or Dangerous Goods] Incident


Spill, Leak, Fire, Exposure, or Accident

Call CHEMTREC Day or Night

1-800-424-9300 / +1 703-527-3887

2. Hazard Identification (concentrate)

OneTAB FLEX™ 500 mL–3,785ml (OT-FLEX)		
Hazard Identification (concentrate)		
Physical hazards:	Not applicable.	
Health hazards:	Skin corrosion/irritation Serious eye damage/eye irritation	Category 2 Category 2B
Environmental hazards:	Hazardous to the aquatic environment, acute hazard Hazardous to the aquatic environment, long-term hazard	Category 2 Category 3
OSHA defined hazards:	Combustible dust	Classified

<u>Label elements</u>	
Hazard symbol:	
Signal word:	Warning
Hazard statement:	Causes skin irritation. Causes serious eye irritation.
<u>Precautionary statements</u>	
Prevention:	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection.
Response:	If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.
Storage:	Store in a well-ventilated place. Keep at room temperature.
Disposal:	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC):	None known.
Special notes on dilution:	While the diluted product is much less hazardous overall, many of these measures still come recommended and any unnecessary exposure and/or contact should be avoided.

3. Composition/information on hazardous ingredients

OneTAB FLEX™ 500 mL–3,785ml (OT-FLEX)		
Mixtures		
<u>Name</u>	<u>CAS#</u>	<u>% by Weight</u>
Benzenesulfonic acid, (1-methylethyl)-, sodium salt	28348-53-0	2–5%
Coconut Oil Monoethanolamide	68140-00-1	1–3%
Sodium Lauryl Sulfoacetate	1847-58-1	0–1%

Other components: All ingredients which are hazardous within the meaning of the GHS and are present below their cut-off levels.

Special notes on dilution: All components listed above are present below their cut-off levels when diluted in proper amount of solution.

4. First aid measures (concentrate)

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Seek medical attention if redness, swelling, itching, or burning occurs.

Eye Contact: Flush eyes immediately with large amounts of water for 15 minutes. Seek medical attention if redness, swelling, itching, burning or visual disturbances occur.

Inhalation: If cough, shortness of breath or other breathing problems occur, move to fresh air. Seek medical attention if symptoms persist. If necessary, restore normal breathing through standard first aid measures.

Ingestion: Do not induce vomiting without advice from poison control center. Never give anything by mouth to an unconscious person. Seek medical attention.

Special notes on dilution: If symptoms occur with diluted product, seek medical attention. In extreme cases for any of the above categories, first aid measures may still apply.

5. Fire-fighting measures

Suitable extinguishing media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions: In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

Specific methods: Use standard firefighting.

Special notes for dilution: No potential for a fire hazard is expected when product is diluted in proper amount of solution.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill. Eliminate all ignition sources (no

smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Collect spillage. If sweeping of a contaminated area is necessary, use a dust suppressant agent which does not react with the product. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Environmental precautions: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Special notes for dilution: No potential for a fire hazard is expected when product is diluted in proper amount of solution.

7. Handling and storage

Precautions for safe handling: Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight and from moisture during storage. Wear personal protective equipment. Wash thoroughly after handling. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks and open flame. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits: No exposure limits noted for ingredient(s).

Biological limit values: No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls: Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use only appropriately classified electrical equipment and powered industrial trucks. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses with side shields (or goggles)

Skin protection:

Hand protection: Wear appropriate chemical resistant gloves.

Other: Wear appropriate chemical resistant clothing.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: When using, do not smoke. Always observe good personal hygiene measures, such as washing hands, arms, and other contact points after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance (physical state, color etc.): White powder.

Odor: None.

Odor threshold: Not available.

pH (in 1% dilution): Available upon request.

Melting point/freezing point: Not available.

Initial boiling point and boiling range: Not available.

Flash point: Not available.

Evaporation rate: Not available.

Flammability: Not available.

Upper/lower flammability or explosive limits: Not available.

Vapor pressure: Not available.

Vapor density: Not available.

Relative density: 2.06 g/cm³

Solubility: Soluble in water.

Partition coefficient: Not available.

Decomposition temperature: Not available.

Viscosity (dilution): Available upon request.

Particle size (concentrate): Available upon request.

10. Stability and reactivity

Chemical stability: This product is stable.

Instability Temperature: Not available.

Conditions of instability: Not available.

Corrosivity: Non-corrosive in presence of glass.

Incompatible materials: Strong oxidizing agents. Strong acids.

Hazardous decomposition products: No hazardous decomposition products are known.

Polymerization: No.

11. Toxicological information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals: LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

12. Ecological information

Ecotoxicity: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

OneTAB FLEX™ 500 mL–1 Gallons (OT-FLEX)

Ecotoxicity

<u>Product</u>	<u>Species</u>	<u>Test Results</u>
Benzenesulfonic acid, (1-methylethyl)-, sodium salt Aquatic <i>Acute</i> Algae EC50 Crustacea EC50 Fish LC50	Algae Daphnia Fish	> 1000 mg/l, 72 hours > 450 mg/l, 48 hours > 450 mg/l, 96 hours
Coconut Oil Monoethanolamide Aquatic <i>Acute</i> Algae EC50 Crustacea EC50 Fish EC50	Algae Crustacea Fish	1.1 mg/l, 72 hours 38 mg/l, 48 hours 38 mg/l, 96 hours
Sodium Lauryl Sulfoacetate Aquatic <i>Acute</i> Algae EC50 Crustacea LC50 Fish LC50	Algae Crustacea Fish	1.9 mg/l, 72 hours 5.9 mg/l, 48 hours 4.2 mg/l, 96 hours

Persistence and degradability: Readily biodegradable.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: All detergents within this mixture meet the U.S. EPA Safer Choice Program's detergent screen and are listed on www.cleangredients.org.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal information

Disposal instructions: This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT: Not regulated as dangerous goods.

IATA: Not regulated as dangerous goods.

IMDG: Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not established.

15. Regulatory information

US federal regulations: This product is known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.
SARA 304 Emergency release notification: Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories:

Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard – No

SARA 302 Extremely hazardous substance: Not listed.
SARA 311/312 Hazardous chemical: No.
SARA 313 (TRI reporting): Not regulated.

Other federal regulations:

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

US state regulations:

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100): Not listed.
US. Massachusetts RTK - Substance List: Not regulated.
US. New Jersey Worker and Community Right-to-Know Act: Not listed.
US. Pennsylvania Worker and Community Right-to-Know Law: Not listed.
US. Rhode Island RTK: Not regulated.
US. California Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other information including information on preparation and revision of the SDS

Created:
Last updated:

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Clinical Choice be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Clinical Choice has been advised of the possibility of such damages.