



Safety Data Sheet (SDS)

Product: Grimefyter

1. Identification

Section	Details
Product Identifier	Grimefyter
Synonyms	All Purpose Cleaner
Recommended Use	Mild all purpose cleaner. Cleaner/ degreaser for hard surfaces
Restrictions on Use	For industrial/professional use only. Not for consumer use without training.
Manufacturer / Supplier	Skyrex Inc.
Address	427 Whitehead Ave. (Suite 2), South River, New Jersey, 08882
Telephone	908-245-1152
Emergency Phone	CHEMTEL 1-800-255-3924
SDS ID / Product Code	Grimefyter / 005
Issue / Revision Date	September 19, 2025
Version	2

2. Hazard Identification

Section	Details
Classification (GHS/OSHA HazCom 2012)	Skin Irritation Category 2; Eye Irritation Category 2A.

Signal Word	WARNING
Pictograms	GHS07 (Exclamation mark) 
Hazard Statements	H315: Causes skin irritation. H319: Causes serious eye irritation.
Precautionary — Prevention	P261: Avoid breathing mists/spray. P264: Wash thoroughly after handling. P280: Wear protective gloves/eye protection/face protection.
Precautionary — Response	P302+P352: IF ON SKIN: Wash with plenty of water. P332+P313: If skin irritation occurs: Get medical advice/attention. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes; remove contact lenses if present and easy to do; continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
Precautionary — Storage	Store in original container. Keep closed when not in use. Protect from freezing and excessive heat.
Precautionary — Disposal	Dispose of contents/container in accordance with local/regional/national regulations.
Other Hazards	Contains a small amount of glycol ether (2-butoxyethanol) and alkaline salts. Mists may irritate the respiratory tract.

3. Composition / Information on Ingredients

Note: Exact percentages are withheld as a trade secret; ranges provided to satisfy HazCom 2012/GHS. EB present at low level; water added to 275-gal batch.

Component	CAS No.	% (w/w) (range)	GHS Classification	Notes
Water	7732-18-5	Balance	Not classified	Diluent
Alkyl polyglucoside (APG) surfactant blend	68515-73-1	2–5%	Eye Irrit. 2B; Skin Irrit. 3 (typical)	Nonionic surfactants
Ethylene glycol monobutyl ether (2-Butoxyethanol)	111-76-2	1–5%	Acute Tox. 4 (Oral/Dermal/Inhal.); Skin Irrit. 2; Eye Irrit. 2A	'Glycol ether'
Sodium metasilicate (anhydrous/eq.)	6834-92-0	1–3%	Skin Corr. 1B; Eye Dam. 1	Alkaline builder

Sodium gluconate	527-07-1	0.5–2%	Not classified	Chelating agent
Blue dye (colorant)	Mixture	<0.1%	Not classified at use level	Product identification

4. First-Aid Measures

Section	Details
General Advice	Show this SDS to the physician. Ensure eyewash/shower are available. Remove contaminated clothing.
Inhalation	Move to fresh air. If symptoms persist, call a POISON CENTER/doctor. If not breathing, give artificial respiration.
Skin Contact	Wash with plenty of water for at least 15 minutes. If irritation occurs/persists, get medical advice.
Eye Contact	Rinse cautiously with water for 15 minutes. Remove contact lenses if present and easy to do. Get medical advice if irritation persists.
Ingestion	Rinse mouth. Do NOT induce vomiting. Give small sips of water if conscious. Get medical advice if unwell.
Most Important Symptoms	Redness, itching, dryness; eye watering, stinging. Prolonged exposure may cause dermatitis.
Indication of Immediate Medical Attention	Symptomatic treatment. For significant eye exposure, ophthalmologic evaluation is recommended.

5. Fire-Fighting Measures

Section	Details
Suitable Extinguishing Media	Use media appropriate to surrounding fire (water fog, CO2, dry chemical, foam).
Unsuitable Extinguishing Media	Direct high-pressure water jets may spread material.
Specific Hazards	Product is not flammable. Containers may rupture when heated. Combustion may produce irritating fumes.
Protective Equipment for Firefighters	Wear self-contained breathing apparatus and full protective gear.
Special Procedures	Cool exposed containers with water spray. Prevent runoff from entering drains/waterways.

6. Accidental Release Measures

Section	Details
Personal Precautions	Avoid contact with eyes/skin. Wear gloves and eye/face protection. Provide ventilation; avoid breathing mists.
Environmental Precautions	Prevent entry to storm drains and surface waters.
Containment & Cleanup	Stop leak if safe. Dike with inert absorbent (sand, vermiculite). Collect for reuse or disposal. Rinse small residues with water to sanitary sewer if permitted by POTW.

7. Handling and Storage

Section	Details
Safe Handling	Use with adequate ventilation. Avoid breathing mists. Avoid eye/skin contact. Keep containers closed. Provide eyewash/shower.
Storage	Store in original, closed container away from acids and oxidizers. Protect from freezing and excessive heat. Keep out of reach of children.
Specific End Uses	All-purpose cleaner for hard surfaces; professional/industrial use.

8. Exposure Controls / Personal Protection

Section	Details
Exposure Limits / Control Parameters	2-Butoxyethanol (CAS 111-76-2): OSHA PEL TWA 50 ppm (240 mg/m ³) **Skin**; ACGIH TLV TWA 20 ppm **Skin**; NIOSH REL TWA 5 ppm **Skin**. No established limits for APG, sodium gluconate; handle mists as low as practicable.
Engineering Controls	Local exhaust where mists can form. Provide eyewash/safety shower. Enclose transfers where feasible.
Eye/Face Protection	Chemical splash goggles; add face shield if splash potential exists.
Skin/Hand Protection	Chemical-resistant gloves (nitrile/neoprene). Protective clothing/apron as needed.
Respiratory Protection	Not normally required. If mists may exceed limits, use NIOSH-approved respirator (P95/P100) or organic vapor/P95 combo per exposure assessment.
Hygiene Measures	Wash hands after handling. Remove contaminated clothing and launder before reuse.

9. Physical and Chemical Properties

Property	Value
Appearance	Blue liquid
Odor	Mild, solvent-like; no added fragrance
pH	≈ 11.0 – 12.0 (concentrate)
Melting/Freezing Point	Not determined (expected near 0°C)
Boiling Point/Range	> 100°C (water-based)
Flash Point	Not applicable (non-flammable aqueous mixture)
Evaporation Rate	Similar to water
Flammability	Not flammable
Explosive Limits	Not applicable
Vapor Pressure	Similar to water at ambient temperature
Vapor Density (air=1)	Not determined (water vapor ≈ 0.6)
Relative Density / Specific Gravity	≈ 1.03 – 1.07 @ 20–25°C
Solubility	Completely miscible in water
Partition Coefficient n-octanol/water	Not determined for mixture
Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not determined
Viscosity	Low; ~1–5 mPa·s @ 25°C
VOC Content	Contains VOC exempt water; small % glycol ether; product VOC typically < 5% by weight

10. Stability and Reactivity

Section	Details
Reactivity	Mild alkaline solution; may react with acids releasing heat.
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	Will not polymerize.

Conditions to Avoid	Excessive heat, freezing, and generation of mists.
Incompatible Materials	Strong acids, strong oxidizers. Avoid mixing with bleach or other chemicals unless directed.
Hazardous Decomposition Products	Thermal decomposition may produce irritating fumes and oxides of carbon/silicon/sodium.

11. Toxicological Information

Section	Details
Likely Routes of Exposure	Skin and eye contact; inhalation of mists; ingestion.
Acute Effects	Causes skin and eye irritation. High exposures to glycol ether vapors/mists may cause headache, nausea, and central nervous system effects.
Skin/Eye Effects	Irritation with redness and discomfort; eye contact may cause pain, tearing, and redness.
Sensitization	Not expected to cause skin or respiratory sensitization.
Germ Cell Mutagenicity	Not expected to be mutagenic.
Carcinogenicity	None of the components are listed by IARC, NTP, ACGIH, or OSHA as carcinogens.
Reproductive Toxicity	No evidence of reproductive effects at expected exposures from this product.
STOT — Single Exposure	Transient respiratory irritation possible with mists; CNS symptoms possible at high solvent vapor exposures.
STOT — Repeated Exposure	Prolonged/repeated skin contact may cause dermatitis.
Aspiration Hazard	Not expected to present an aspiration hazard.

12. Ecological Information

Section	Details
Ecotoxicity	Not classified as hazardous to the aquatic environment as a mixture. High concentrations may be harmful to aquatic organisms.
Persistence/Degradability	APG surfactants are readily biodegradable. 2-Butoxyethanol is inherently biodegradable. Inorganic salts do not persist or bioaccumulate.
Bioaccumulation	Not expected to bioaccumulate significantly.
Mobility in Soil	Water-soluble and mobile; avoid releases to the environment.
Other Adverse Effects	None known at normal use dilutions.

13. Disposal Considerations

Section	Details
Waste Treatment Methods	Dispose in accordance with federal, state, and local regulations. Small amounts may be diluted and discharged to sanitary sewer **only** with POTW permission and within pH limits.
RCRA	As sold, not a listed hazardous waste. Check pH; wastes with pH ≥ 12.5 may be D002 (corrosive). Generator is responsible for final determination.
Contaminated Packaging	Triple-rinse; add rinsate to process or collect as waste. Recycle clean HDPE where available or dispose per local rules.

14. Transport Information

Section	Details
UN Number	Not regulated
Proper Shipping Name	Not regulated as dangerous goods by US DOT, IATA, or IMDG.
Transport Hazard Class(es)	Not applicable
Packing Group	Not applicable
Environmental Hazards (Marine Pollutant)	Not a marine pollutant.
Special Precautions for User	Transport upright in closed containers; prevent leaks/spills.
Transport in Bulk (MARPOL/IBC)	Not intended for bulk transport under MARPOL Annex II/IBC Code.

15. Regulatory Information

Section	Details
OSHA HazCom 2012	Hazardous chemical: Skin Irrit. 2; Eye Irrit. 2A.
TSCA	All intentional ingredients are on the TSCA Inventory or exempt.
SARA 311/312	Acute (Immediate) Health Hazard: YES (irritant). Others: NO.
SARA 302	None present.
SARA 304/CERCLA	No CERCLA hazardous substances at reportable quantities in this mixture.
SARA 313 (TRI)	Contains a **glycol ether** (2-butoxyethanol, CAS 111-76-2). Reporting may apply if annual thresholds are exceeded

State Right-to-Know	2-Butoxyethanol and sodium metasilicate may appear on NJ/PA/MA RTK lists.
California Proposition 65	Not known to contain listed substances.
Other	Product is not a pesticide (not regulated under FIFRA).

16. Other Information

Section	Details
Prepared By	Skyrex Inc. Compliance Team — Tel: 908-245-1152
Emergency Phone	Chemtel 1-800-255-3924 (24-hr)
Issue / Revision Date	September 19, 2025
Revision Number	2
Key Sources of Data	Supplier SDSs (APG surfactants, 2-butoxyethanol, sodium metasilicate, sodium gluconate); OSHA HazCom 2012; ACGIH/OSHA/NIOSH exposure limits; DOT/IATA/IMDG rules; EPA SARA guidance.
HMIS (estimate)	Health 2 Flammability 0 Physical Hazard 0 PPE: B (safety glasses, gloves, protective clothing)
NFPA 704	Health 2 Flammability 0 Instability 0 Special: —
Disclaimer	The information herein is believed accurate as of the revision date and is provided without warranty. Users are responsible for determining suitability and for compliance with applicable laws.

HEALTH

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FLAMMABILITY

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REACTIVITY

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PERSONAL PROTECTION

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