

1. Identification

Product Identifier	Gorilla Flash Butyl Degreaser	
Other means of identification		
Product code	PCS-6007	
Recommended use	Surface degreaser	
Recommended restrictions	None.	
Manufacturer information		
Company name	Professional Cleaning Supply	
Address	7925 E 40 th St Suite A Tulsa, OK 74145	
Address	4301 SW 21 st St. Oklahoma City, OK 73108	
Telephone – Tulsa	(918) 250-9000	
Telephone -Oklahoma City	(405) 681-1822	
Emergency phone number	PERS 24-hour Emergency	(800) 633-8253 (800) 633-8253

2. Hazard(s) Identification

Physical hazards	Corrosive to Metals	Category 1
Health hazards	Acute Toxicity-Oral	Category 4
	Serious eye damage	Category 1
	Skin irritant	Category 1C
	STOT - Resp	Category 3
Environmental hazards	Not classified.	
OSHA defined hazards	Not listed.	
Label elements		



Signal word	DANGER
Hazard statement	Causes serious eye damage. Causes skin irritation. Harmful if swallowed Causes respiratory irritation May corrode metals
Precautionary statement	
Prevention	Wear eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Wear protective gloves.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/medical professional. IF ON SKIN: Wash with plenty of water for at least 15 minutes. Specific treatment (see section 4 on the Safety Data Sheet). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF SWALLOWED: Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain immediate medical attention.



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Storage No prescriptive instruction
Disposal No prescriptive instruction

Hazard(s) not otherwise classified (HNOC) None.

Supplemental information None.

3. Composition/information on ingredients

Mixture Component(s)			
Chemical name	CAS number	Purpose	%
Water	7732-18-5	Solvent	75-85%
Sodium metasilicate pentahydrate	6834-92-0	Chelating Agent	5-10%
Dipropylene glycol monomethyl ether	34590-94-8	Solvent	1-5%
Tetrasodium EDTA	64-02-8	Chelating Agent	1-5%
2-butoxyethanol	111-76-2	Solvent	1-5%
Alcohols, C9-11, ethoxylated	68439-46-36	Surfactant	1-5%
Dodecylbenzene Sulfonic Acid	27176-87-0	Surfactant	1-5%
Sodium Xylene Sulfonate	1300-72-7	Coupling Agent	0-1%
Sodium glycolate	2836-32-0	Stabilizer	0-1%
Trisodium NTA	5064-31-3	Chelating Agent	0-1%
Sodium hydroxide	1310-73-2	pH Adjuster	0-1%
Sulfuric Acid	7664-93-9	pH Adjuster	<0.1%
Sodium Sulfate	7757-82-6	Viscosity Increasing Agent	<0.1%
Dye	PROPRIETARY	Colorant	<0.1%
Fragrance	PROPRIETARY	Fragrance Component	<0.1%
d-Limonene	5989-27-5	Fragrance Component	<0.01%

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention. Eye wash stations should be located in work area.

Ingestion Rinse mouth. Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain immediate medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed Strongly alkaline. Causes skin and eye burn or severe irritation. Irritating to respiratory system. May cause permanent damage to eyes Dermatitis. Rash. May cause an allergic skin reaction.

Indication of immediate medical attention and special treatment needed Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

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

Unsuitable extinguishing media None known.



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Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.
Methods and materials for containment and cleaning up	Caution – spillages may be slippery. Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, storm sewer or confined areas. Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly with water to remove residual contamination. Residual contamination can be affected through use of vinegar, citric acid or other weak acid material. Caution; Neutralization reactions release heat. Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Do not release into the open environment (see section 12). Avoid discharge into surface drainage paths, sewers or other areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Do not store in extreme conditions. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a corrosion-resistant container with a resistant inner liner. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Occupational exposure limits

Workplace Environmental Exposure Level OSHA

Components	Type	Value
2-butoxyethanol	PEL 8-hr	50 ppm 285 mg/m ³

Workplace Environmental Exposure Level -ACGIH

Components	Type	Value
2-butoxyethanol	TWA 8-hr	25 ppm



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Biological limit values	No data available.
Appropriate engineering controls	Emergency eye wash stations and showers should be readily accessible. Provide natural or mechanical ventilation.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Avoid contact with eyes. Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Suggested protective materials: Nitrile and neoprene rubber
Other	Depending on exposure and use conditions, additional protection may be necessary to prevent skin contact including use of items such as chemical-resistant boots, aprons, arm covers, hoods or coveralls.
Respiratory protection	Respiratory protection not required for prescribed use of this product
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	
Physical State	Liquid
Color	Violet-Blue
Odor	Characteristic
Odor threshold	Not available.
pH	13-14
Melting/freezing point	Not available.
Initial boiling point and boiling range	>212°F (100°C)
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability	Not available.
Flammability Limits	
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity (water=1)	1.06
Solubility in water	Fully Soluble
Partition coefficient (n-octanol/water)	1.31 (estimated ethoxylated alcohols)
Auto-ignition temperature	Not available.
Decomposition temperature	Decomposes on heating.
Viscosity	Not available.



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10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames can cause product to decompose.
Incompatible materials	Strong acids, strong bases, strong oxidizing agents.
Hazardous decomposition products	Aldehydes, ketones, organic acids, carbon dioxide, carbon monoxide.

11. Toxicological information

Information on likely routes of exposure	
Ingestion	May be harmful if swallowed. Do not ingest
Inhalation	Expected to be a low inhalation hazard.
Skin contact	Repeated and/or prolonged skin contact causes irritation and/or burns.
Eye contact	Causes severe eye damage. May cause severe corneal injury.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash. May cause an allergic skin reaction.
Acute toxicity	Expected to have a low acute toxicity value.

Product Gorilla Flash Butyl Degreaser (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀ /LC ₅₀
Acute	Oral, rat	> 2,500 mg/kg estimated
Acute	Dermal, rabbit	>4,000 mg/kg (literature)
Acute	Inhalation, rat	> 410 mg/l (estimated)
*Estimates for product may be based on additional component data not shown		

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/ irritation	Causes serious eye damage.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not considered a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed
Reproductive toxicity	Not classified.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Not classified.
Aspiration hazard	Not considered an aspiration hazard.

12. Ecological information

Ecotoxicity		
Product Gorilla Flash Butyl Degreaser (CAS mixture)		
Aquatic Receptor	Species	Test Threshold
Crustacea	Daphnia magna (water flea)	EC ₅₀ (48-hr): 3,200 mg/L (estimated)
Fish	Fathead Minnow	LC ₅₀ (96-hr): 2,360 mg/L (estimated)
Fish	Brachydanio rerio	LC ₅₀ (96-hr): 1,220 mg/L (estimated)



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Algae	Nd Blue-green	EC ₅₀ (48-hr): 270 mg/L (estimated)
*Estimates for product may be based on additional component data not shown		

Persistence and degradability	Not available. Chemicals of this class are not expected to be persistent in an open aerobic environment
Bio-accumulative potential	No data available.
Mobility in soil	Not available. Chemicals of these classes are highly water soluble and will partition readily to water and weakly to particles in low-clay soil matrices. They are expected to exhibit moderate to high mobility in saturated and semi-saturated soils in ionic solution and weak medium suspension
Other adverse effects	The pH of this product may cause it to be toxic to aquatic and terrestrial organisms at high concentrations in the aqueous medium.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Do not release to the environment.
Local disposal regulations	Dispose in accordance with all applicable regulations. As packaged, this product may meet criteria defining RCRA corrosive (D002) hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.
Waste from residues/unused product	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 contain product residue, follow label warnings even after container is emptied.

14. Transport information

USDOT

UN number	UN3266
UN proper shipping name	Corrosive liquids, basic, inorganic, n.o.s. (Contains: Disodium trioxosilicate, sodium hydroxide)
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packaging group	III
Marine pollutant	No
Special precautions for user	Read safety instructions, SDS, and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not intended to be transported in bulk.
DOT Label/Placard	



15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI-reportable) Not listed.

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986

This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to threshold determination and Safe Harbor notification (1/2019)

16. Other information, including date of preparation or last revision

Issue date 2/6/2020

Revision date 12/1/2020

Version # 2

HMIS® ratings Health: 2
Flammability: 0
Physical hazard: 0

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA ratings

Health: 2
Flammability: 0
Instability: 0



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such



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material used in combination with any other materials or in any process, unless specified by the text.

Revision information

Updated composition and HMIS/NFPA ratings in accordance with industry standards.