



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: STARPOWER Super Cleaner/Degreaser™

PRODUCT FORM: Water-based liquid

PRODUCT DESCRIPTION: Cleaner and degreaser for surfaces compatible with water

SUPPLIER NAME AND ADDRESS:

Paradigm International, Inc.
45 Mirador
Irvine, CA 92162
USA

SUPPLIER PHONE NUMBER: 714-550-4999

EMERGENCY TELEPHONE NUMBER: 714-550-4999

SECTION 2: HAZARD(S) IDENTIFICATION

This product is not classified as hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

HAZARD STATEMENTS: None

PRECAUTIONARY STATEMENTS: None

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): None

OTHER INFORMATION: None

HAZARD SYMBOL(S)/PICTOGRAM(S): None required

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Soft Water	85.5%	7732-18-5	N/A	N/A
Glycol Ether (EB)	<9.0%	111-76-2	25 PPM*	25 PPM*

STARPOWER's blend of additional proprietary ingredients contains no item that, at its given concentration is considered to be hazardous to health.

**Note: Glycol Ether (EB) was delisted in 2004 as a hazardous substance by the U.S. Environmental Protection Agency (EPA). These are the numeric values for pure EGBE. Pure Glycol Ether (EB) is used as the standard for most of the cautionary information contained herein. However, STARPOWER only has a <9% level of Glycol Ether (EB) prior to dilution. Dilution for use, of course, further decreases the level. Precautionary information in this MSDS is primarily associated with, and applicable for, pure Glycol Ether (EB). STARPOWER Super Cleaner/Degreaser™ does not have the occupational health risks associated with exposure to undiluted Glycol Ether (EB).*

SECTION 4: FIRST AID MEASURES

EYE CONTACT:

Flush eyes gently with water for 15 minutes or until material is gone. Seek medical attention if accompanied by pain or irritation.

SKIN CONTACT: Skin irritation is unlikely. If negative reaction occurs, rinse affected area with plenty of water. Seek medical attention if irritation persists.

INHALATION: Respiratory irritation is unlikely. If negative reaction occurs, remove to fresh air. Seek medical attention if irritation persists.

INGESTION: Rinse mouth with water; give several glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek medical attention if stomach upset occurs.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: > 180°F (82°C)

AUTO IGNITION: 472°F (244°F)

FLAMMABLE LIMITS: LEL/UEL: 10.6%/1.1%

FIRE EXTINGUISHING MEDIA: Water fog, CO₂, alcohol-resistant foam and dry powder.

SPECIAL FIRE FIGHTING PROCEDURES: Under fire conditions, sealed containers can develop explosive pressures. Cool with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Refer to protective measures in Sections 7 and 8

ENVIRONMENTAL PRECAUTIONS: Prevent product from entering drains, waterways, groundwater systems

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP: Remove using an inert commercial absorbent material, such as STARDUST Super Absorbent™, wet-dry vacuum, or mop. For large spills, form a dike, as with sorbent socks, to limit spreading. Pump into salvage tank for treatment or disposal. Recover usable material by any practical method. Dispose in compliance with applicable governmental regulations.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING AND STORAGE: Use good industrial practice in storage. Store in a closed container at room temperature. Ensure adequate ventilation. As a general safety precaution, store away from heat sources, sparks or open flames. Keep out of reach of children.

INCOMPATIBLE MATERIALS: Strong oxidizers, strong acids, strong alkalines

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING PROTECTION: Eyewash stations, ventilation systems

RESPIRATORY PROTECTION: None for general use. Use in areas that are well ventilated. If to be used for a prolonged period in a confined area, use NIOSH/MSHA approved respiratory protection.

EYE PROTECTION: Chemical goggles in compliance with OSHA

SKIN CONTACT: Rubber or plastic gloves. Wear suitable protective clothing.

GENERAL HYGIENE MEASURES: Wash after handling, especially before eating, drinking or smoking.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Physical State: Clear Liquid. **Odor:** Weak

Specific Gravity: (H₂O=1): 1.06 ± 0.050

Density: 8.75 ± 0.42 lbs/gal

VOC: 0.698 lbs/gal (± 0.040)

pH: 10.5 Neat (for concentrate prior to dilution)

Boiling Point/Boiling Range: >212°F **Melting Point/Melting Range:** < 32°F

Relative Vapor Density (air = 1): 4.1

Vapor Pressure: (mm Hg. (68 F)): 0.76

Percent Solids by Weight: 7% ± 0.7

Relative Evaporation Rate (Butyl Acetate = 1): 0.10

Solubility in Water: Infinite

Viscosity: Like water

Other data: Oil/Water partition coefficient: NA

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Stable

CHEMICAL STABILITY: Hazardous reactions will not occur under normal conditions

POSSIBILITY OF HAZARDOUS REACTIONS: None known

CONDITIONS TO AVOID: Excessive heat or cold. Above 142°F, an explosive vapor/air mixture may form in poorly ventilated areas.

INCOMPATIBLE MATERIALS: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Normal combustion by products: Carbon oxides (CO, CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

ACCUTE TOXICITY: Estimate: >5,000mg/kg Method: Calculation method

SKIN CORROSION/IRRITATION: May cause skin irritation and/or dermatitis

EYE DAMAGE/IRRITATION: Vapors may cause irritation to eyes, respiratory tract, and skin

GERM CELL MUTAGENICITY: Product does not classify under this category

CARCINOGENICITY: Product does not classify under this category

REPRODUCTION TOXICITY: Product does not classify under this category

STOT-SINGLE EXPOSURE: Product does not classify under this category

STOT-REPEATED EXPOSURE: Product does not classify under this category

ASPIRATION HAZARD: Product does not classify under this category

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Volume of formulary ingredients is below toxicity classifications per the Globally Harmonized System of Classification and Labeling of Chemicals

AQUATIC TOXICITY: Virtually none per CCR Title 22 Fathead Minnow Hazardous Waste Bioassay results: Passed with zero death rate (LC50>750mg/l).

TERRESTRIAL: No data available

PERSISTENCE AND DEGRADABILITY: Biodegradable

BIOACCUMULATIVE POTENTIAL: No data available

MOBILITY IN SOIL: No data available

OTHER ADVERSE EFFECTS: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal must be done in accordance with local, state and federal regulations. Do not dispose of the waste into the sewage system. Do not dispose into standing or running waterways.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated
TDG: Not regulated
ICAO: Not regulated
IATA: Not regulated
IMDG/IMO: Not regulated
ADR/RID: Not regulated

SECTION 15: REGULATORY INFORMATION

TSCA: Not regulated
DSL/NDSL: Not regulated
CERCLA: This product is not subject to reporting
OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200: Not listed
SARA TITLE III:
 SECTIONS 311/312: Not applicable
 SECTIONS 313: Not applicable
 SECTIONS 302: Not applicable
CAA (CLEAN AIR ACT): Not applicable
CWA (CLEAN WATER ACT): Not applicable
CALIFORNIA PROPOSITION 65: Not applicable
STATE RIGHT TO KNOW LISTS: Not applicable
WHMIS: Not applicable

SECTION 16: OTHER INFORMATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

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