

SAFETY DATA SHEET

REVISION DATE: 05/03/2018

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Mainstream Marine Boat Soap
USE: Liquid Surface Cleaner Concentrate
DESCRIPTION: Surfactant-Based Cleanser for the Surfaces of Marine Equipment
MANUFACTURER: Mainstream Engineering Corporation
 200 Yellow Place
 Rockledge, Florida 32955

INFORMATION TELEPHONE: 321-631-3550

EMERGENCY TELEPHONE: 800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910

(OSHA HCS):

Acute Toxicity – Oral (Category 5)
 Skin irritation (Category 2), H315
 May cause serious eye irritation (Category 2A), H319

HAZARD STATEMENT(S):

H303 May be harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.

PICTOGRAM(S):



SIGNAL WORD: Warning

PRECAUTIONARY STATEMENT(S):

P102 Keep out of reach of children.
 P103 Read label before use.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves/eye protection/face protection.
 P302 + P352
 IF ON SKIN: Wash with plenty of water.
 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 attention.

P312 Call a POISON CENTER or doctor if you feel unwell.

P332 + P313

If skin irritation occurs: Get medical attention.

P362 + 364

Take off contaminated clothing and wash before reuse.

P501 Dispose of contents/container in accordance with local and federal regulations.

HAZARDS NOT OTHERWISE CLASSIFIED BY GHS: none

SECTION 3 - PRODUCT COMPOSITION INFORMATION

COMPONENT	CAS #	AMOUNT
Sodium dodecylbenzenesulfonate	25155-30-0	≤ 5%
Sodium laureth sulfate	9004-82-4	≤ 5%
Glycerol	56-81-5	< 0.1%
Sodium hydroxide	1310-73-2	< 0.1%
Water	7732-18-5	≤ 90%

SECTION 4 - EMERGENCY & FIRST-AID PROCEDURES

EYE: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes, occasionally lifting the upper and lower lids. If symptoms persist, seek medical attention.

SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms occur, seek medical attention. Wash clothing before reuse.

INGESTION: If quantities are ingested significant enough to raise concerns or symptoms develop, seek medical attention from a physician, medical facility, or poison control center. Do not induce vomiting unless directed to by a medical professional. If conscious, individual should drink plenty of water. If individual is drowsy or unconscious, do not give anything by mouth.

INHALATION: If vapors/mist are inhaled, move individual to fresh air. If person is not breathing, call 911; provide artificial respiration, if possible. Call a physician for further treatment advice.

NOTICE TO PHYSICIANS: Treat exposures symptomatically.



SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, CO₂ (Carbon Dioxide), dry chemical, or extinguishing foams. Material is not considered flammable, so select media based on treatment of the surrounding materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Although the material itself is nonflammable, residues exposed to heat can generate carbon monoxide and carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear full protective gear, including self-contained breathing apparatus, if deemed necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Avoid inhalation of vapors/mist and make sure area is well ventilated. Protective eyewear and gloves are recommended. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL PRECAUTIONS: Prevent release of large quantities of unused product to natural waterways if possible.

MATERIALS FOR CONTAINMENT AND CLEAN-UP: Small quantities can be diluted with water and flushed to water reclamation facilities. Larger spills should be contained immediately; use an inert adsorbent material (e.g., vermiculite or sand). Transfer liquid and contaminated solid waste to containers suitable for recovery or disposal in accordance with federal and local regulations.

REFERENCE TO OTHER SECTIONS: For additional disposal directions and reporting requirements, please refer to Section 13.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Use good industrial hygiene practices when handling this material. Use with safety glasses. Wash thoroughly and immediately after handling or wear gloves. Avoid contact with eyes, skin, and clothing. Do not contaminate food, feed, or drinking water. Avoid ingestion and inhalation. Keep away from children.

STORAGE: Store in a cool, dry location. Keep container tightly closed.

SPECIAL STORAGE CONSIDERATIONS: Keep container tightly sealed and stored upright to prevent leakage.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION MEASURES

EXPOSURE LIMITS:

No occupational exposure limits have been determined for this product.

ENGINEERING CONTROLS: Handle product in accordance with good industrial hygiene and safety practices.

PERSONAL PROTECTIVE EQUIPMENT: Please wear appropriate person protective equipment for handling of this product as indicated below.

EYE PROTECTION: Chemical splash goggles are recommended.

SKIN PROTECTION: Use gloves and appropriate clothing to minimize dermal exposure. Recommended materials are rubber (latex) and neoprene.

RESPIRATORY PROTECTION: Avoid breathing mists or vapors. If it is deemed that protective measures are necessary, a NIOSH/MSHA-approved respirator for organic vapors is advised.

SECTION 9 - PHYSICAL AND CHEMICAL DATA

APPEARANCE:	Clear, Colorless Liquid
ODOR:	Slight Sweet Odor
ODOR THRESHHOLD:	No data available
pH:	11 (Concentrate)
FLASH POINT:	No data available
AUTOIGNITION TEMPERATURE:	No data available
FLAMMABILITY:	Not flammable
EXPLOSION LIMITS:	None
MELTING POINT (Pour Point):	No data available
BOILING POINT (760 mm Hg):	~ 212 °F
VAPOR PRESSURE:	No data available
VAPOR DENSITY (AIR = 1):	No data available
SPECIFIC GRAVITY (WATER = 1):	1.0
SOLUBILITY:	Miscible with water
PARTITION COEFFICIENT: (N-OCTANOL/WATER)	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY:	No data available
VOC CONTENT:	No data available
EVAPORATION RATE: (N-BUTYL ACETATE = 1)	> 1



SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: No data available.

CHEMICAL STABILITY: Stable when handled or stored under the recommended conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No hazardous reactions are anticipated under normal use conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo hazardous polymerization.

CHEMICAL INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can generate carbon monoxide and carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF ENTRY: Skin contact and eye contact. Although ingestion and inhalation are possible, entries by these routes are unlikely.

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE SYMPTOMS: No data available.

Eye: Exposure to mist or liquid can cause irritation. Severe exposures left untreated could result in damage.

Skin: Exposure to mist or liquid can cause irritation, serious irritation, or allergic responses in some individuals.

Ingestion: Exposure can lead to irritation of the digestive tract.

Inhalation: Incidental exposure can lead to mild irritation.

CHRONIC EFFECTS:

MUTAGENICITY: No data available.

TERATOGENICITY: No data available.

SENSITIZATION: No data available.

REPRODUCTIVE: No data available.

CHRONIC SYMPTOMS: No data available.

CARCINOGENICITY: No ingredient of this product at a concentration greater than 0.1% is listed as carcinogenic by NTP, IARC, ACGIH or OSHA.

SECTION 12 - ECOLOGICAL INFORMATION

TOXICITY: No data available.

PERSISTENCE AND DEGRADABILITY: All individual components of this product are considered fully biodegradable under aerobic conditions.

BIOACCUMULATION: No data available.

SOIL TO GROUNDWATER MOBILITY: No data available.

OTHER ADVERSE EFFECTS: No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer to assure compliance.

SPECIAL CONSIDERATIONS FOR DISPOSAL: Emptied containers may still retain residue and therefore should be disposed of as product waste.

SECTION 14 – TRANSPORT INFORMATION

DOT (US): Non-regulated.

SECTION 15 – REGULATORY INFORMATION

U.S. Toxic Substances Control Act: Any and all components of this product found on the TSCA Inventory have been listed in Section 3 of this form.

SARA Section: This product contains no ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

SARA 311/312 Hazards

Acute Health Hazard

California's Proposition 65: This product does not contain any materials on the Proposition 65 List of Chemicals Known to Cause Cancer or exhibit Reproductive Toxicity.



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SECTION 16 – OTHER INFORMATION

NFPA RATING:

Health hazard: 1

Flammability: 0

Physical Hazard: 0

The information contained herein is believed to be accurate and is offered in good faith. The above information is, in part, based on material safety data sheets supplied by the vendors of the raw materials used in this product. Because product use is beyond our control, no warranty is given, expressed, or implied. Mainstream Engineering Corporation cannot assume any liability for the use of information contained herein or from damage resulting from handling or contact with the above product. To determine applicability or effect of any law or regulation with respect to the product, users should consult a legal advisor or appropriate governmental agency.

PREPARATION INFORMATION

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