

Product Name: SmartWasher® Ozzy Booster™ Microbial Enhancer

Date of Issue: 12/2/09

SmartWasher®

ChemFree Corporation
8 Meca Way, Norcross, GA 30093
Tel: (770) 564-5580 Fax: (770) 564-5533
www.chemfree.com

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT & COMPANY IDENTIFICATION

Product Name: SmartWasher® Ozzy Booster™ Microbial Enhancer

Product Use: Bacterial Inoculant for hydrocarbon degradation in the SmartWasher system

Product Code: OzzyBooster™

24 H Emergency Response: Infotrac (800) 535-5053 in the U.S. or outside the United States call (Collect) 1-352-323-3500

Manufactured by: ChemFree Corporation • 8 Meca Way • Norcross, GA, 30093 • U.S.A

SECTION II: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS #	OSHA PEL	ACGIH TLV
None	100%	N/A	N/A	N/A

SECTION III: HAZARDS IDENTIFICATION

UN Number: Not Regulated for Transport

Dangerous Goods Classification: Non-Hazardous

HAZARD RATINGS (NFPA/HMIS)

HEALTH	1	0=least 1=slight
FLAMMABILITY	0	2=moderate 3=high
REACTIVITY	0	4=extreme

SECTION IV: FIRST AID MEASURES

EMERGENCY & FIRST AID PROCEDURES:

EYES: It is unlikely that emergency treatment will be required; if adverse effects occur, rinse eyes with large amounts of water until irritation subsides. Seek medical attention if necessary.

SKIN: Wash with soap and water.

INGESTION: It is unlikely that emergency treatment will be required; if adverse effects occur, treat symptomatically and seek medical attention if necessary.

INHALATION: It is unlikely that emergency treatment will be required; if adverse effects occur, remove to fresh air and observe. Seek medical attention if necessary.

SECTION V: FIRE & EXPLOSION HAZARD DATA

FLAMMABILITY: None

FLASH POINT: None

FLAMMABLE LIMITS: N/A

LOWER: N/A

USUAL FIRE & EXPLOSION HAZARDS: None

MEANS OF EXTINCTION: N/A

METHOD USED: N/A

UPPER: N/A

SPECIAL FIRE FIGHTING PROCEDURES: None

SECTION VI: ACCIDENTAL RELEASE MEASURES

In the event that this material is released or spilled, it can be washed into a storm sewer with large quantities of water.

SECTION VII: HANDLING & STORAGE

Protect from freezing. This product is not hazardous for storage and transport according to the U.S. Department of Transportation Regulations.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: This product presents no health hazards to the user when used according to label directions for its intended purposes. This product is not intended for human or animal consumption.



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RESPIRATORY PROTECTION (Specify Type): Not required

PROTECTIVE GLOVES: It is recommended that rubber gloves be worn when handling any industrial-use products.

EYE PROTECTION: It is recommended that safety glasses be worn when handling any industrial-use products.

OTHER / HYGIENIC PRACTICES: Always use good housekeeping procedures when using any chemical product.

SECTION IX: PHYSICAL / CHEMICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

BOILING POINT: 212 °F/100 °C

APPEARANCE AND ODOR: Blue Color/earthy scent

Vapor Pressure (mm Hg): 24.00 (approx)

SOLUBILITY IN WATER: Soluble

pH: 7.00

SPECIFIC GRAVITY: 1.0 (approx)

SECTION X: STABILITY AND REACTIVITY DATA

REACTIVITY: Non-reactive

STABILITY: The product is stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None

INCOMPATIBILITY(materials to avoid): None

SECTION XI: TOXICOLOGICAL PROPERTIES

Toxicology

Acute Studies

- Rat oral LD₅₀ is greater than 5g/Kg of body weight; as evidenced by no observed mortality after rats were dosed with 5 g/Kg at a concentration of 500 mg Ozzy Booster™/mL of water and a dose volume of 10 mL/Kg of body weight.
- Rabbit dermal LD₅₀ is greater than 2 g/Kg of body weight; as evidenced by no observed mortality after rabbits were exposed to test material applied to abraded and non-abraded occluded skin for 24 hours. No severe dermal effects were reported at the dose site.
- Eye irritation in rabbits was reported as slight. Highest observed scores out of a possible score of 110 were:
1 hour:12; 24 hours:8; 48 hours:4; 72 hours:4; 4 days:2; 7 days:2; 10 days:2; 14 days:2.
- Rat inhalation of the test material at an average analytical exposure concentration of 1.2 mg/L of Ozzy Booster™ (nominal concentration of 37mg/L) for 6 hours produced no mortality.

Chronic Health Hazards

Although chronic studies using Ozzy Booster™ are not available, inhalation of this product should be prevented due to unknown long-term effects.

Special Notes: Not for human or animal consumption.

SECTION XII: BIODEGRADABILITY AND ENVIRONMENTAL TOXICITY INFORMATION

BIODEGRADABILITY: Biodegradable

TOXICITY INFORMATION: 48 hours LC50 value in mg/L

Fathead Minnows

Not toxic at 100%

SECTION XIII: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with Local, State, and Federal regulations.

SECTION XIV: TRANSPORTATION INFORMATION

Proper Shipping Name: None

DOT Classification: This product is not regulated for transportation in accordance with Code of Federal Regulation 49 (CFR49)

UN Number: Not regulated for Transport

SECTION XV: REGULATORY INFORMATION

Workplace Classification & SARA Title III – The product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200), and therefore is not covered by Title III of SARA.

