

ORBIT GLOW FLOOR CLEANER Ready To Use - MSDS

Date Prepared: 2-22-2006

(Prepared According to 29 CFR 1910.1200)

Product: Orbit Glow

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Company: Challenger Pad Systems, Inc.

Address: 1908 Warwick Circle East, Longview, TX 75601 (903) 234-9631

Product Name: Orbit Glow Floor Cleaner RTU

Product Type: Hard Floor Cleaner RTU

SECTION 2: INGREDIENTS

CHEMICAL NAME	Percent	FORMULA: Proprietary
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Trade Secret: Compiles with OSHA 29 CFR - 1910.1200 Section (i)

Contains no hazardous components under current OSHA Definitions.

100% BIOBASED Product ingredients: From the FDA GRAS, EAFUS and FDA Food Additive Inert List.

SECTION 3: PHYSICAL DATA / CHEMICAL PROPERTIES

Proprietary Blend

Flash Point: N/A

Odor: Slight

Boiling Point: N/A

Freezing Point: 32.0 F

Specific Gravity: 1.100

Solubility in Water: 100 %

PH: 7 - 9.5

Appearance: Clear

VOC Content: N/D %

Physical State: Liquid

Percent Volatiles (by Wt.) .05 @ 70 Degrees F

Radiocarbon C-14 2-22-2006 USDA approved testing lab: Meets USDA proposed requirements for product tested at 100% Biobased)

SECTION 4: FIRST AID MEASURES

INGESTION: No adverse effects

INHALATION: No adverse effects

SKIN: No adverse effects

EYES: Flush Eyes with plenty of water for at least 15 minutes. No adverse effects

SECTION 5: FIRE AND EXPOSURE HAZARDS

FLASH POINT: N/A

FLAMMABLE LIMITS: LOWER N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

SECTION 6: HEALTH HAZARD DATA WHEN READY TO USE

EFFECTS OF ACUTE OVEREXPOSURE

SWALLOWING: No adverse effects.

EYE CONTACT: No adverse effects.

SKIN ABSORPTION: No adverse effects.

INHALATION: No adverse effects.

SKIN CONTACT: No adverse effects.

OTHER HEALTH HAZARDS: None currently known.

AFFECTS OF REPEATED EXPOSURE: No adverse effects.

Carcinogens and Toxins:

Does not contain any known carcinogens in concentrations as per: Code of Federal Regulations 29 CFR 1910.1000 series, OSHA

SECTION 7: HANDLING AND STORAGE

Avoid contact with eyes, skin and clothing. Avoid Breathing mist, vapor or dust. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Spilled Material may be slippery. Clean up spills immediately before walking in spill area.

SECTION 8: STABILITY AND REACTIVITY

Stability and reactivity:	Normally Stable
Polymerization:	Will not occur
Conditions to avoid:	Strong Acids, Bases and oxidizing agents
Materials to avoid:	Strong Acids, Bases and oxidizing agents
Hazardous decomposition products:	Decomposition produces carbon monoxide and carbon dioxide

SECTION 9: TOXICOLOGICAL INFORMATION

TYPE OF STUDY	RESULTS In Concentrate prior to RTU
Dermal LD (50)	>2 g/kg
Eye Irritation	59-92 (Scale 59-110)
Skin Irritation	1.3 (Scale 0-8)
Oral LD (50)	>5 g/kg
Mutagenicity:	Non-Mutagenic (analogous product)

SECTION 10: ECOLOGICAL INFORMATION

Environmental Fate: Readily and rapidly degradable: all individual organic substances contained in the product achieve values in tests for Ready biodegradability: Die-Away Test (OECD 301 A), i. e. 90% DOC removal, which exceeds the tolerance value for classification as "readily".
Conclusion: This cleaner has excellent environmental compatibility.

SECTION 11: DISPOSAL CONSIDERATIONS

All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible.

SECTION 12: N/A

SECTION 13: Hazard Rating

Government Hazard Rating

Sciences Ratings

4 = EXTREME	FIRE	0
3 = HIGH	REACTIVITY	0
2 = MODERATE	TOXICITY	0
1 = SLIGHT	SPECIAL	0
0 = INSIGNIFICANT		

TSCA Inventory Status: This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

TSCA 12 (b) Inventory status: none
Sara 313 Toxic chemicals: none
Sara 302 Extremely hazardous: none
Cercla Hazardous substances: none
California Proposition 65: none

SECTION 12: OTHER INFORMATION

The technical data supplied to the Manufacturer, has been edited to avoid disclosure of proprietary information and to avoid redundancy.
All inquires concerning the content of this document should be directed to the Manufacturer.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists	CAS	Chemical Abstract Service
IAR	International Agency for Research on Cancer	CFR	Code of Federal Regulation
NIOSH	National Institute for Occupational Safety and Health	VOC's	Volatile Organic Cleaner
NTP	National Toxicology Program (U.S.A.)	OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit	STEL	Short-term Exposure Limit
TLV	Threshold Limit Value	TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System	N/A	Not Applicable
NE	None Established	N/Av	Not Available