

MATERIAL SAFETY DATA SHEET

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Vendor Update: 1/26/2011
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MSDS Number: C422 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: SCRUBS-IN-A-BUCKET
HMIS Ratings:
 Health: Slight(1)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)
 Personal Protective Equipment: NONE
NFPA Ratings:

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
WATER	7732-18-5	60 - 100	NONE	NONE	NONE		
Notes							
D-LIMONENE (R-P-MENTHA-1,8-DIENE)	5989-27-5	5 - 13	NONE	NONE	30 PPM (MANU.)		
Notes							
ETHOXYLATED ALCOHOLS (C12-15 PARETH-7)	68131-38-5	1 - 5	NONE	NONE	NONE		
Notes							
SODIUM LAURYL SULFATE	151-21-3	1 - 5	NONE	NONE	NONE		
Notes							
FRAGRANCE	MIXTURE	1 - 5	NONE	NONE	NONE		
Notes							
Other:	IN ACCORDANCE WITH 29 CFR 1910.1200 THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES DEFINED AS HAZARDOUS BY THIS STANDARD. ANY SUBSTANCE LISTED AS HAZARDOUS BY THE STATES OF CALIFORNIA, FLORIDA, ILLINOIS, MICHIGAN, NEW JERSEY, OHIO, PENNSYLVANIA OR TEXAS IS DESCRIBED ABOVE IF KNOWN PRESENT IN REGULATED CONCENTRATIONS.						

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Signs and Symptoms of Exposure: REDNESS, TEARING OR BURNING IN EYES. REDNESS, BURNING OR DRYING OR CRACKING OF SKIN. IRRITATION OF THE THROAT OR STOMACH, NAUSEA, VOMITING, AND DIARRHEA IF SWALLOWED.

Medical Conditions Aggravated by Exposure: PRE-EXISTING SKIN CONDITIONS SUCH AS DERMATITIS MAY BE ADVERSELY AFFECTED BY THIS AND OTHER OIL AND GREASE EFFECTIVE CLEANERS.

Other: ACUTE HEALTH HAZARDS:
 CAUTION, MAY CAUSE EYE OR SKIN IRRITATION.
 CARCINOGENICITY
 OSHA: NO; ACGIH: NO; NTP: NO; IARC: NO

IV. FIRST AID MEASURES

Eyes:	FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES LIFTING EYELIDS TO ENSURE COMPLETE REMOVAL. SEE A PHYSICIAN IMMEDIATELY.
Skin:	NONE USUALLY REQUIRED. MATERIAL IS DESIGNED FOR SKIN CLEANSING. IF SYMPTOMS DEVELOP SEEK MEDICAL ATTENTION.
Ingestion:	NOT A LIKELY EXPOSURE ROUTE. IF A LARGE QUANTITY OF LIQUID IS SWALLOWED, DO NOT INDUCE VOMITING, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.
Inhalation:	UNLIKELY ROUTE AS LIQUID IS IMPREGNATED ON A TOWEL, MINIMIZING EXPOSURE VIA THIS ROUTE. IF OVEREXPOSED MOVE INTO FRESH AIR. IF SYMPTOMS DEVELOP SEEK MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

Flash Point:	NONE TO BOILING
Test Method:	(PMCC) SOLUTION ON TOWEL
Lower Flammability Limit:	NO DATA
Upper Flammability Limit:	NO DATA
Extinguishing Agents:	USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, FOG OR WATER SPRAY.
Unusual Fire or Explosion	NONE KNOWN.
Hazards:	
Fire Fighting Procedures:	KEEP CONTAINERS COOL AND VAPORS DOWN WITH WATER SPRAY. PREVENT RUNOFF FROM ENTERING SEWERS AND PUBLIC WATERWAYS. WEAR SCBA IN CHEMICAL FIRES.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup:	SMALL SPILL WIPE UP SMALL RELEASES WITH A DRY ABSORBENT CLOTH OR ABSORBENT MATERIAL. LARGE SPILL ABSORB LIQUID WITH VERMICULITE, ABSORBENT CLOTH, OR OTHER ABSORBENT MATERIAL. PREVENT MATERIAL FROM ENTERING SEWERS OR DRAINS. VENTILATE AREA AND BLOCK TRAFFIC. TRANSFER CONTAMINATED MATERIAL INTO SUITABLE CONTAINER FOR PROPER DISPOSAL.
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VII. HANDLING AND STORAGE

Other:	HANDLING DO NOT ALLOW TOWEL CONTACT WITH EYES. FOR EXTERNAL USE ONLY. NOT FOR USE AROUND THE MOUTH OR EYES FOR AN EXTENDED PERIOD OF TIME. DO NOT SMOKE WHILE USING. DO NOT CONTAMINATE WATER, FOOD OR FEED BY USE OR STORAGE. FOLLOW LABEL DIRECTIONS CAREFULLY. STORAGE STORE IN A COOL WELL VENTILATED AREA. KEEP AWAY FROM HEAT SOURCES. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE.
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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	NONE NECESSARY. DO NOT ALLOW TOWEL TO DIRECTLY CONTACT EYES.
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Skin:	NONE NECESSARY. PRODUCT IS DESIGNED FOR DIRECT SKIN USE.
Respiratory:	NOT USUALLY NECESSARY. USE WITH ADEQUATE VENTILATION. USE NIOSH/MSHA APPROVED RESPIRATOR IF PELS OR TLVS ARE EXCEEDED.
Engineering:	VENTILATION NOT USUALLY NECESSARY BUT SHOULD BE PROVIDED IN THE EVENT OF OVEREXPOSURE.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	OPAQUE WHITE LIQUID
Boiling Point:	212°F
Freezing Point:	NO DATA
pH:	9.8 ± 0.5
Solubility in Water:	DISPERSIBLE
Specific Gravity:	0.986 @ 70°F
Vapor Pressure:	NO DATA
Vapor Density:	>1 (AIR = 1)
Volatile Content:	8.0% BY WEIGHT VOC'S OR 78.97 GRAMS PER LITER
Other:	EVAPORATION RATE: NO DATA

X. STABILITY AND REACTIVITY

Stability:	STABLE
Hazardous Polymerization:	THIS PRODUCT WILL NOT UNDERGO HAZARDOUS POLYMERIZATION.
Hazardous Decomposition Products:	CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN SULFIDE, SULFUR DIOXIDE AND SOOT.
Incompatible Products:	STRONG OXIDIZERS AND ACIDS.

XI. TOXICOLOGICAL INFORMATION

Other:	D'LIMONENE: ACUTE DERMAL LD50 >5 G/KG, RABBIT ACUTE ORAL LD50 >5 G/KG, RAT ETHOXYLATED ALCOHOLS ACUTE DERMAL LD50 2 G/KG, RABBIT ACUTE ORAL LD50 2.5-5G/KG, RAT
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XII. ECOLOGICAL INFORMATION

Ecotoxicity:	
Other:	ETHOXYLATED ALCOHOLS 96 HR FATHEAD MINNOW STATIC ACUTE LC50: 0.5 MG/L 48 HR DAPHNIA PULEX STATIC ACUTE EC50: 0.76 MG/L

XIII. DISPOSAL CONSIDERATIONS

Disposal Method:	DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
Other:	RCRA WASTE INFORMATION IF THIS PRODUCT BECOMES A WASTE, IT WOULD NOT BE A HAZARDOUS

WASTE AS DEFINED BY RCRA (40 CFR 261). HOWEVER, THE WASTE SHOULD BE PROPERLY CHARACTERIZED TO EVALUATE WHETHER ITS COMPOSITION HAS BEEN MODIFIED PRIOR TO DISPOSAL.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: NOT REGULATED

D.O.T. Hazard Class: NONE

Other: IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

WATER TRANSPORTATION PROPER SHIPPING DESCRIPTION: NOT REGULATED
HAZARD CLASS: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

AIR TRANSPORTATION PROPER SHIPPING DESCRIPTION: NOT REGULATED
HAZARD CLASS: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

RQ (REPORTABLE QUANTITY)– 49 CFR 172.101: NOT APPLICABLE

MARINE POLLUTANTS: NONE

XV. REGULATORY INFORMATION

TSCA Status: ALL INGREDIENTS ARE ON THE TSCA INVENTORY ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY.

EPA Sara Title III Chemical Listings: SARA 313 COMPONENTS – 40 CFR 372.65: NONE

Supplemental State Compliance Information: NSF REGISTRATION CATEGORY CODE: E4

California: PROPOSITION 65: NONE

Other: CERCLA RQ – 40 CFR 302.4(A): NONE LISTED

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.