

SAFETY DATA SHEET

ORANGE SCRUB

FILE NO.: 049
MSDS DATE: 12/7/12

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ORANGE SCRUB
PRODUCT CODES: 4902, 4907
MANUFACTURER: KUTOL PRODUCTS COMPANY, INC.
ADDRESS: 100 PARTNERSHIP WAY, SHARONVILLE, OH 45241

EMERGENCY PHONE: 513-527-5500 OTHER CALLS:
CHEMTREC PHONE: 800-424-9300 FAX PHONE: 513-527-5506

PRODUCT USE: HEAVY DUTY HAND CLEANER

SECTION 2: HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW: NO MEDICAL CONDITIONS ARE KNOWN TO BE AGGRAVATED BY THIS PRODUCT
ROUTES OF ENTRY: EYES, INGESTION

POTENTIAL HEALTH EFFECTS

EYES: SCRUBBERS WILL IRRITATE EYES
SKIN: NONE EXPECTED
INGESTION: NAUSEA
INHALATION: NONE EXPECTED

ACUTE HEALTH HAZARDS: NONE EXPECTED
CHRONIC HEALTH HAZARDS: NONE EXPECTED
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE EXPECTED

CARCINOGENICITY

OSHA: ACGIH: NTP: IARC: OTHER:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: TRIETHANOLAMINE

<u>CAS NO.</u>	<u>102-71-6</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
		<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:				
OSHA PEL STEL :				
OSHA PEL CEILING:				
ACGIH TLV-TWA:			5	
ACGIH TLV STEL:				
ACGIH TLV CEILING:				

SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES, CONSULT PHYSICIAN, DO NOT RUB EYES.
SKIN: FLUSH WITH WATER
INGESTION: VOMITING MAY BE INDUCED, CONSULT PHYSICIAN
INHALATION: NOT EXPECTED

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

F: C:

METHOD USED:

AUTOIGNITION TEMPERATURE: N/A

F: C:

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 OTHER:

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HMIS HAZARD CLASSIFICATION

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HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 PROTECTION:

EXTINGUISHING MEDIA: FOAM, CO2, OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS DUE TO COMPONENT POSSIBLE RELEASES

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HAZARDOUS DECOMPOSITION PRODUCTS: IN A FIRE SITUATION, CO2, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS MAY BE FORMED.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: DIKE, THEN SHOVEL INTO LEAKPROOF CONTAINER

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: SPECIAL HANDLING NOT EXPECTED UNDER NORMAL CONDITIONS
OTHER PRECAUTIONS:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: NONE
VENTILATION : NORMAL
RESPIRATORY PROTECTION: NONE
EYE PROTECTION: SAFETY GLASSES
SKIN PROTECTION: NORMAL CLEANLINESS
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WORK HYGIENIC PRACTICES: NORMAL CLEANLINESS
EXPOSURE GUIDELINES: NORMAL INTENDED USE

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: VISCOUS ORANGE LIQUID
ODOR: CITRUS ODOR
PHYSICAL STATE: LIQUID

pH AS SUPPLIED: 6.5 TYPICAL pH (Other):

BOILING POINT: N/A

F: C:

MELTING POINT:

F: N/A C: N/A

FREEZING POINT:

F: NOT DETERMINED C: NOT DETERMINED

VAPOR PRESSURE (mmHg):

@

F: N/A C: N/A

VAPOR DENSITY (AIR = 1):

@

F: N/A C: N/A

SPECIFIC GRAVITY (H2O = 1): 1.044

@

F: 77 C: 25

EVAPORATION RATE: < 1

BASIS (=1):

SOLUBILITY IN WATER: APPRECIABLE

PERCENT SOLIDS BY WEIGHT:

PERCENT VOLATILE:

BY WT/ BY VOL @

F: C:

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: LBS/GAL WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT:

VISCOSITY: 60,000 CPS

@

F: 77 C: 25

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SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: STABLE
CONDITIONS TO AVOID (STABILITY): NONE EXPECTED
INCOMPATIBILITY (MATERIAL TO AVOID): NONE EXPECTED
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE EXPECTED
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID (POLYMERIZATION): WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: NOT DETERMINED

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT DETERMINED

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: LANDFILL WITHIN ALL LOCAL STATE AND FEDERAL LAWS
RCRA HAZARD CLASS:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: CLEANING, SCOURING, WASHING COMPOUNDS
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT:

WATER TRANSPORTATION
PROPER SHIPPING NAME: N/A
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION
PROPER SHIPPING NAME: N/A
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): NOT DETERMINED
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NOT DETERMINED
SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): NONE
311/312 HAZARD CATEGORIES: NONE
313 REPORTABLE INGREDIENTS: NONE

STATE REGULATIONS:
INTERNATIONAL REGULATIONS:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION: PREPARED BY DAVID WOOD ON DEC. 7, 2012

DISCLAIMER: ALL INFORMATION IS BELIEVED TO BE ACCURATE BUT DOES NOT IMPLY A WARRANTY OR GUARANTEE