GRAINGER
FOR THE ONES WHO GET IT DONE

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Common Name: LUXURY FOAM ANTIBACTERIAL HANDWASH
Manufacturer: GOJO INDUSTRIES
SDS Revision Date: 4/8/2015
SDS Format: GHS-US

Grainger Item Number(s): 1MBH7, 1XHN4, 3CB50, 3CB54, 9MHG4
Manufacturer Model Number(s):

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SAFETY DATA SHEET

GOJO(R*)

GOJO(R*) LUXURY FOAM ANTIBACTERIAL HANDWASH

VERSION: 2.0

REVISION DATE: 04/08/2015

MSDS NUMBER: 31378-00005

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SECTION 1. IDENTIFICATION

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PRODUCT NAME: GOJO(R*) LUXURY FOAM ANTIBACTERIAL HANDWASH

MANUFACTURER OR SUPPLIER'S DETAILS:

COMPANY NAME OF SUPPLIER: GOJO INDUSTRIES, INC.

ADDRESS:
ONE GOJO PLAZA, SUITE 500
AKRON OH 44311

TELEPHONE: 1 (330) 255-6000

EMERGENCY TELEPHONE: 1-800-424-9300 CHEMTREC

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

| RECOMMENDED USE: ANTIBACTERIAL SOAP

| RESTRICTIONS ON USE:
| THIS IS A PERSONAL CARE OR COSMETIC PRODUCT THAT IS SAFE FOR CONSUMERS AND
| OTHER USERS UNDER NORMAL AND REASONABLY FORESEEABLE USE. COSMETICS AND
| CONSUMER PRODUCTS, SPECIFICALLY DEFINED BY REGULATIONS AROUND THE WORLD,
| ARE EXEMPT FROM THE REQUIREMENT OF AN SDS FOR THE CONSUMER. WHILE THIS
| MATERIAL IS NOT CONSIDERED HAZARDOUS, THIS SDS CONTAINS VALUABLE
| INFORMATION CRITICAL TO THE SAFE HANDLING AND PROPER USE OF THE PRODUCT
| FOR INDUSTRIAL WORKPLACE CONDITIONS AS WELL AS UNUSUAL AND UNINTENDED
| EXPOSURES SUCH AS LARGE SPILLS.THIS SDS SHOULD BE RETAINED AND AVAILABLE
| FOR EMPLOYEES AND OTHER USERS OF THIS PRODUCT. FOR SPECIFIC INTENDED-USE
| GUIDANCE, , PLEASE REFER TO THE INFORMATION PROVIDED ON THE PACKAGE OR
| INSTRUCTION SHEET.

SECTION 2. HAZARDS IDENTIFICATION

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GHS CLASSIFICATION:
FLAMMABLE LIQUIDS: CATEGORY 3
SERIOUS EYE DAMAGE: CATEGORY 1

GHS LABEL ELEMENT:

HAZARD PICTOGRAMS:
FLAME
CORROSION

SIGNAL WORD: DANGER

HAZARD STATEMENTS:
H226: FLAMMABLE LIQUID AND VAPOR.
H318: CAUSES SERIOUS EYE DAMAGE.

PRECAUTIONARY STATEMENTS:

PREVENTION:
P210: KEEP AWAY FROM HEAT/SPARKS/OPEN FLAMES/HOT SURFACES. NO SMOKING.
P233: KEEP CONTAINER TIGHTLY CLOSED.
P241: USE EXPLOSION-PROOF ELECTRICAL/VENTILATING/LIGHTING/EQUIPMENT.
P242: USE ONLY NON-SPARKING TOOLS.
P243: TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE.
P280: WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION.

RESPONSE:

P303 + P361 + P353:

IF ON SKIN (OR HAIR):

TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.

P305 + P351 + P338 + P310:

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CENTER OR DOCTOR/ PHYSICIAN.

STORAGE:
P403 + P235: STORE IN A WELL-VENTILATED PLACE. KEEP COOL.

DISPOSAL:
P501: DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT.

OTHER HAZARDS: VAPORS MAY FORM EXPLOSIVE MIXTURE WITH AIR.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

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SUBSTANCE / MIXTURE: MIXTURE

HAZARDOUS INGREDIENTS:

CHEMICAL NAME	CAS-NO.	CONCENTRATION (%)
ETHANOL	64-17-5	>= 1 - <5
ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT	67762-19-0	>= 1 - <5
AMMONIUM DODECYL SULPHATE	2235-54-3	>= 1 - <5
PROPYLENE GLYCOL	57-55-6	>= 1 - <5
4-CHLORO-3,5-DIMETHYLPHENOL	88-04-0	>= 0.1 - <1

SECTION 4. FIRST AID MEASURES

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GENERAL ADVICE:
IN THE CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY. WHEN SYMPTOMS PERSIST OR IN ALL CASES OF DOUBT SEEK MEDICAL ADVICE.

IF INHALED:
IF INHALED, REMOVE TO FRESH AIR.
GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

IN CASE OF SKIN CONTACT:
WASH WITH WATER AND SOAP AS A PRECAUTION.
GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

IN CASE OF EYE CONTACT:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15MINUTES.

IF EASY TO DO, REMOVE CONTACT LENS, IF WORN.

GET MEDICAL ATTENTION IMMEDIATELY.

IF SWALLOWED:
IF SWALLOWED, DO NOT INDUCE VOMITING.
GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.
RINSE MOUTH THOROUGHLY WITH WATER.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:
CAUSES SERIOUS EYE DAMAGE.

PROTECTION OF FIRST-AIDERS:
FIRST AID RESPONDERS SHOULD PAY ATTENTION TO SELF-PROTECTION, AND USE THE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT WHEN THE POTENTIAL FOR EXPOSURE EXISTS.

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

SECTION 5. FIRE-FIGHTING MEASURES

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SUITABLE EXTINGUISHING MEDIA:
WATER SPRAY
ALCOHOL-RESISTANT FOAM
DRY CHEMICAL
CARBON DIOXIDE (CO2)

UNSUITABLE EXTINGUISHING MEDIA: HIGH VOLUME WATER JET

SPECIFIC HAZARDS DURING FIRE FIGHTING:
DO NOT USE A SOLID WATER STREAM AS IT MAY SCATTER AND SPREAD FIRE.
FLASH BACK POSSIBLE OVER CONSIDERABLE DISTANCE.
VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR.
EXPOSURE TO COMBUSTION PRODUCTS MAY BE A HAZARD TO HEALTH.

HAZARDOUS COMBUSTION PRODUCTS:
CARBON OXIDES
SULFUR OXIDES
NITROGEN OXIDES (NOX)

SPECIFIC EXTINGUISHING METHODS:

USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.

USE WATER SPRAY TO COOL UNOPENED CONTAINERS.

REMOVE UNDAMAGED CONTAINERS FROM FIRE AREA IF IT IS SAFE TO DO SO.

EVACUATE AREA.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:
IN THE EVENT OF FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS.
USE PERSONAL PROTECTIVE EQUIPMENT.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
REMOVE ALL SOURCES OF IGNITION.
USE PERSONAL PROTECTIVE EQUIPMENT.
FOLLOW SAFE HANDLING ADVICE AND PERSONAL PROTECTIVE EQUIPMENT

RECOMMENDATIONS.

ENVIRONMENTAL PRECAUTIONS:

DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO.

PREVENT SPREADING OVER A WIDE AREA (E.G. BY CONTAINMENT OR OIL BARRIERS).

RETAIN AND DISPOSE OF CONTAMINATED WASH WATER.

LOCAL AUTHORITIES SHOULD BE ADVISED IF SIGNIFICANT SPILLAGES CANNOT BE CONTAINED.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

NON-SPARKING TOOLS SHOULD BE USED.

SOAK UP WITH INERT ABSORBENT MATERIAL.

SUPPRESS (KNOCK DOWN) GASES/VAPORS/MISTS WITH A WATER SPRAY JET.

FOR LARGE SPILLS, PROVIDE DIKING OR OTHER APPROPRIATE CONTAINMENT TO KEEP MATERIAL FROM SPREADING. IF DIKED MATERIAL CAN BE PUMPED, STORE RECOVERED MATERIAL IN APPROPRIATE CONTAINER.

CLEAN UP REMAINING MATERIALS FROM SPILL WITH SUITABLE ABSORBENT.

LOCAL OR NATIONAL REGULATIONS MAY APPLY TO RELEASES AND DISPOSAL OF THIS MATERIAL, AS WELL AS THOSE MATERIALS AND ITEMS EMPLOYED IN THE CLEANUP OF RELEASES. YOU WILL NEED TO DETERMINE WHICH REGULATIONS ARE APPLICABLE.

SECTIONS 13 AND 15 OF THIS SDS PROVIDE INFORMATION REGARDING CERTAIN LOCAL OR NATIONAL REQUIREMENTS.

SECTION 7. HANDLING AND STORAGE

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TECHNICAL MEASURES:
SEE ENGINEERING MEASURES UNDER EXPOSURE CONTROLS/PERSONAL PROTECTION SECTION.

LOCAL/TOTAL VENTILATION:
USE WITH LOCAL EXHAUST VENTILATION.
USE ONLY IN AN AREA EQUIPPED WITH EXPLOSION PROOF EXHAUST VENTILATION.

ADVICE ON SAFE HANDLING:
AVOID INHALATION OF VAPOR OR MIST.
DO NOT SWALLOW.
DO NOT GET IN EYES.
AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.
NON-SPARKING TOOLS SHOULD BE USED.
KEEP CONTAINER TIGHTLY CLOSED.
KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.
TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
TAKE CARE TO PREVENT SPILLS, WASTE AND MINIMIZE RELEASE TO THE ENVIRONMENT.

CONDITIONS FOR SAFE STORAGE:
KEEP IN PROPERLY LABELED CONTAINERS.
KEEP TIGHTLY CLOSED.

KEEP IN A COOL, WELL-VENTILATED PLACE.
STORE IN ACCORDANCE WITH THE PARTICULAR NATIONAL REGULATIONS.
KEEP AWAY FROM HEAT AND SOURCES OF IGNITION.

MATERIALS TO AVOID:

DO NOT STORE WITH THE FOLLOWING PRODUCT TYPES:
STRONG OXIDIZING AGENTS
ORGANIC PEROXIDES
FLAMMABLE SOLIDS
PYROPHORIC LIQUIDS
PYROPHORIC SOLIDS
SELF-HEATING SUBSTANCES AND MIXTURES
SUBSTANCES AND MIXTURES WHICH IN CONTACT WITH WATER EMIT FLAMMABLE GASES
EXPLOSIVES
GASES

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS:

INGREDIENTS	CAS-NO.	VALUE TYPE (FORM OF EXPOSURE)	CONTROL PARAMETERS / PERMISSIBLE CONCENTRATION	BASIS
ETHANOL	64-17-5	TWA	1,000 PPM 1,900 MG/M3	NIOSH REL
		TWA	1,000 PPM 1,900 MG/M3	SHA Z-1
		STEL	1,000 PPM	ACGIH
PROPYLENE GLYCOL	57-55-6	TWA	10 MG/M3	US WEEL

HAZARDOUS COMPONENTS WITHOUT WORKPLACE CONTROL PARAMETERS:

INGREDIENTS	CAS-NO.
ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT	67762-19-0
AMMONIUM DODECYL SULPHATE	2235-54-3
4-CHLORO-3,5-DIMETHYLPHENOL	88-04-0

ENGINEERING MEASURES:

MINIMIZE WORKPLACE EXPOSURE CONCENTRATIONS.

USE ONLY IN AN AREA EQUIPPED WITH EXPLOSION PROOF EXHAUST VENTILATION.

USE WITH LOCAL EXHAUST VENTILATION.

DUST FORMATION MAY BE RELEVANT IN THE PROCESSING OF THIS PRODUCT. IN ADDITION TO SUBSTANCE-SPECIFIC OELS, GENERAL LIMITATIONS OF CONCENTRATION OF PARTICULATES IN THE AIR AT WORKPLACES HAVE TO BE CONSIDERED IN WORKPLACE RISK ASSESSMENT. RELEVANT LIMITS INCLUDE: OSHA PEL FOR PARTICULATES NOT OTHERWISE
REGULATED OF 15 MG/M3 - TOTAL DUST, 5 MG/M3 - RESPIRABLE FRACTION; AND ACGIH TWA FOR PARTICLES (INSOLUBLE OR POORLY SOLUBLE) NOT OTHERWISE SPECIFIED OF 3

MG/M3 - RESPIRABLE PARTICLES, 10 MG/M3 - INHALABLE PARTICLES.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION:
GENERAL AND LOCAL EXHAUST VENTILATION IS RECOMMENDED TO MAINTAIN VAPOR EXPOSURES BELOW RECOMMENDED LIMITS. WHERE CONCENTRATIONS ARE ABOVE RECOMMENDED LIMITS OR ARE UNKNOWN, APPROPRIATE RESPIRATORY PROTECTION SHOULD BE WORN. FOLLOW OSHA RESPIRATOR REGULATIONS (29 CFR 1910.134) AND USE NIOSH/MSHA APPROVED RESPIRATORS. PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS AGAINST EXPOSURE TO ANY HAZARDOUS CHEMICAL IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE UNKNOWN, OR ANY OTHER CIRCUMSTANCE WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

HAND PROTECTION:

MATERIAL: IMPERVIOUS GLOVES

MATERIAL: FLAME RETARDANT GLOVES

REMARKS:
CHOOSE GLOVES TO PROTECT HANDS AGAINST CHEMICALS DEPENDING ON THE CONCENTRATION SPECIFIC TO PLACE OF WORK. BREAKTHROUGH TIME IS NOT DETERMINED FOR THE PRODUCT. CHANGE GLOVES OFTEN! FOR SPECIAL APPLICATIONS, WE RECOMMEND CLARIFYING THE RESISTANCE TO CHEMICALS OF THE AFOREMENTIONED PROTECTIVE GLOVES WITH THE GLOVE MANUFACTURER. WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY.

EYE PROTECTION:

WEAR THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT:
CHEMICAL RESISTANT GOGGLES MUST BE WORN.

IF SPLASHES ARE LIKELY TO OCCUR, WEAR: FACE-SHIELD

SKIN AND BODY PROTECTION:
SELECT APPROPRIATE PROTECTIVE CLOTHING BASED ON CHEMICAL RESISTANCE DATA AND AN ASSESSMENT OF THE LOCAL EXPOSURE POTENTIAL.

WEAR THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT:
FLAME RETARDANT ANTISTATIC PROTECTIVE CLOTHING.

SKIN CONTACT MUST BE AVOIDED BY USING IMPERVIOUS PROTECTIVE CLOTHING (GLOVES, APRONS, BOOTS, ETC).

HYGIENE MEASURES:

ENSURE THAT EYE FLUSHING SYSTEMS AND SAFETY SHOWERS ARE LOCATED CLOSE TO THE WORKING PLACE.

WHEN USING DO NOT EAT, DRINK OR SMOKE.

WASH CONTAMINATED CLOTHING BEFORE RE-USE.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: LIQUID

COLOR: CLEAR, AMBER, BROWN

ODOR: FRUITY

ODOR THRESHOLD: NO DATA AVAILABLE

| PH: 4.5 - 8.5

MELTING POINT/FREEZING POINT: NO DATA AVAILABLE

| INITIAL BOILING POINT AND BOILING RANGE: 83 DEG. C

| FLASH POINT: 58.9 DEG. C

EVAPORATION RATE: NO DATA AVAILABLE

FLAMMABILITY (SOLID, GAS): NOT APPLICABLE

UPPER EXPLOSION LIMIT: NO DATA AVAILABLE
LOWER EXPLOSION LIMIT: NO DATA AVAILABLE

VAPOR PRESSURE: NO DATA AVAILABLE

RELATIVE VAPOR DENSITY: NO DATA AVAILABLE

| DENSITY: 1.00 G/CM3

SOLUBILITY(IES):
WATER SOLUBILITY: SOLUBLE

PARTITION COEFFICIENT N-OCTANOL/WATER: NOT APPLICABLE

AUTOIGNITION TEMPERATURE: NO DATA AVAILABLE

DECOMPOSITION TEMPERATURE:
THE SUBSTANCE OR MIXTURE IS NOT CLASSIFIED SELF-REACTIVE.

VISCOSITY:
VISCOSITY, KINEMATIC: 10 - 20 MM2/S (20 DEG. C)

EXPLOSIVE PROPERTIES: NOT EXPLOSIVE

OXIDIZING PROPERTIES: THE SUBSTANCE OR MIXTURE IS NOT CLASSIFIED AS OXIDIZING.

SECTION 10. STABILITY AND REACTIVITY

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REACTIVITY: NOT CLASSIFIED AS A REACTIVITY HAZARD.

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS:
FLAMMABLE LIQUID AND VAPOR.
VAPORS MAY FORM EXPLOSIVE MIXTURE WITH AIR.
CAN REACT WITH STRONG OXIDIZING AGENTS.

CONDITIONS TO AVOID: HEAT, FLAMES AND SPARKS.

INCOMPATIBLE MATERIALS: OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:
NO HAZARDOUS DECOMPOSITION PRODUCTS ARE KNOWN.

SECTION 11. TOXICOLOGICAL INFORMATION

top

INFORMATION ON LIKELY ROUTES OF EXPOSURE:
INHALATION
SKIN CONTACT
INGESTION
EYE CONTACT

ACUTE TOXICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

PRODUCT:

| ACUTE ORAL TOXICITY:
| ACUTE TOXICITY ESTIMATE: >5,000 MG/KG
| METHOD: CALCULATION METHOD

INGREDIENTS:

ETHANOL:

| ACUTE ORAL TOXICITY:
| LD50 (RAT): >5,000 MG/KG

| ACUTE INHALATION TOXICITY:
| LC50 (RAT): 124.7 MG/L
| EXPOSURE TIME: 4 H
| TEST ATMOSPHERE: VAPOR

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:

| ACUTE ORAL TOXICITY:
| LD50 (RAT): 4,100 MG/KG
| METHOD: OECD TEST GUIDELINE 401
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| ACUTE DERMAL TOXICITY:
| LD50 (RAT): >2,000 MG/KG
| METHOD: OECD TEST GUIDELINE 402
| ASSESSMENT: THE SUBSTANCE OR MIXTURE HAS NO ACUTE DERMAL TOXICITY
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:

| ACUTE ORAL TOXICITY:
| LD50 (RAT): 2,000 MG/KG
| METHOD: EC DIRECTIVE 92/69/EEC B.1 ACUTE TOXICITY (ORAL)
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:

| ACUTE ORAL TOXICITY:
| LD50 (RAT): >5,000 MG/KG

| ACUTE INHALATION TOXICITY:
| LC50 (RABBIT): >159 MG/L, >51091 PPM
| EXPOSURE TIME: 4 H
| TEST ATMOSPHERE: DUST/MIST
| ASSESSMENT: THE SUBSTANCE OR MIXTURE HAS NO ACUTE INHALATION TOXICITY

| ACUTE DERMAL TOXICITY:
| LD50 (RABBIT): >2,000 MG/KG

| ASSESSMENT: THE SUBSTANCE OR MIXTURE HAS NO ACUTE DERMAL TOXICITY

4-CHLORO-3,5-DIMETHYLPHENOL:

| ACUTE ORAL TOXICITY:

| ACUTE TOXICITY ESTIMATE: 500 MG/KG

| METHOD: EXPERT JUDGMENT

| REMARKS:
| BASED ON HARMONIZED CLASSIFICATION IN EU REGULATION 1272/2008, ANNEX VI

| ACUTE INHALATION TOXICITY:
| LC50 (RAT): >6.29 MG/L
| TEST ATMOSPHERE: DUST/MIST

| ACUTE DERMAL TOXICITY:
| LD50 (RAT): >2,000 MG/KG

SKIN CORROSION/IRRITATION: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

PRODUCT:
| RESULT: NO SKIN IRRITATION

INGREDIENTS:

ETHANOL:
| SPECIES: RABBIT
| METHOD: OECD TEST GUIDELINE 404
| RESULT: NO SKIN IRRITATION

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:
| SPECIES: RABBIT
| METHOD: OECD TEST GUIDELINE 404
| RESULT: SKIN IRRITATION
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:
| SPECIES: RABBIT
| METHOD: OECD TEST GUIDELINE 404
| RESULT: SKIN IRRITATION

PROPYLENE GLYCOL:
| SPECIES: RABBIT
| METHOD: OECD TEST GUIDELINE 404
| RESULT: NO SKIN IRRITATION

4-CHLORO-3,5-DIMETHYLPHENOL:

| RESULT: SKIN IRRITATION

| REMARKS:
| BASED ON HARMONIZED CLASSIFICATION IN EU REGULATION 1272/2008, ANNEX VI

SERIOUS EYE DAMAGE/EYE IRRITATION: CAUSES SERIOUS EYE DAMAGE.

INGREDIENTS:

ETHANOL:
| SPECIES: RABBIT
| RESULT: IRRITATION TO EYES, REVERSING WITHIN 21 DAYS
| METHOD: OECD TEST GUIDELINE 405

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:
| SPECIES: RABBIT
| RESULT: IRREVERSIBLE EFFECTS ON THE EYE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:
| SPECIES: RABBIT
| RESULT: IRREVERSIBLE EFFECTS ON THE EYE
| METHOD: OECD TEST GUIDELINE 405

PROPYLENE GLYCOL:
| SPECIES: RABBIT
| RESULT: NO EYE IRRITATION
| METHOD: OECD TEST GUIDELINE 405

4-CHLORO-3,5-DIMETHYLPHENOL:
| RESULT: IRREVERSIBLE EFFECTS ON THE EYE

RESPIRATORY OR SKIN SENSITIZATION:
SKIN SENSITIZATION: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.
RESPIRATORY SENSITIZATION: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

PRODUCT:
| ASSESSMENT: DOES NOT CAUSE SKIN SENSITIZATION.

INGREDIENTS:

ETHANOL:
| TEST TYPE: LOCAL LYMPH NODE ASSAY (LLNA)
| ROUTES OF EXPOSURE: SKIN CONTACT
| SPECIES: MOUSE
| RESULT: NEGATIVE

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:
| TEST TYPE: MAXIMIZATION TEST (GPMT)
| ROUTES OF EXPOSURE: SKIN CONTACT
| SPECIES: GUINEA PIG
| METHOD: OECD TEST GUIDELINE 406
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:
| TEST TYPE: MAXIMIZATION TEST (GPMT)
| ROUTES OF EXPOSURE: SKIN CONTACT
| SPECIES: GUINEA PIG
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:
| TEST TYPE: MAXIMIZATION TEST (GPMT)
| ROUTES OF EXPOSURE: SKIN CONTACT
| SPECIES: GUINEA PIG
| RESULT: NEGATIVE

4-CHLORO-3,5-DIMETHYLPHENOL:

| ASSESSMENT: PROBABILITY OR EVIDENCE OF SKIN SENSITIZATION IN HUMANS

| REMARKS:
| BASED ON HARMONIZED CLASSIFICATION IN EU REGULATION 1272/2008, ANNEX VI

GERM CELL MUTAGENICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

INGREDIENTS:

ETHANOL:

| GENOTOXICITY IN VITRO:
| TEST TYPE: IN VITRO MAMMALIAN CELL GENE MUTATION TEST
| RESULT: NEGATIVE

| GENOTOXICITY IN VIVO:
| TEST TYPE: RODENT DOMINANT LETHAL TEST (GERM CELL) (IN VIVO)
| SPECIES: MOUSE
| APPLICATION ROUTE: INGESTION
| RESULT: NEGATIVE

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:

| GENOTOXICITY IN VITRO:

| TEST TYPE: BACTERIAL REVERSE MUTATION ASSAY (AMES)
| METHOD: OECD TEST GUIDELINE 471
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TEST TYPE: IN VITRO MAMMALIAN CELL GENE MUTATION TEST
| METHOD: OECD TEST GUIDELINE 476
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| GENOTOXICITY IN VIVO:

| TEST TYPE:
| MUTAGENICITY (IN VIVO MAMMALIAN BONE-MARROW CYTOGENETIC TEST, CHROMOSOMAL
| ANALYSIS)

| SPECIES: MOUSE

| APPLICATION ROUTE: INGESTION

| METHOD: OECD TEST GUIDELINE 475

| RESULT: NEGATIVE

| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:

| GENOTOXICITY IN VITRO:
| TEST TYPE: IN VITRO MAMMALIAN CELL GENE MUTATION TEST
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| GENOTOXICITY IN VIVO:

| TEST TYPE:
| MAMMALIAN ERYTHROCYTE MICRONUCLEUS TEST (IN VIVO CYTOGENETIC ASSAY)

| SPECIES: MOUSE

| APPLICATION ROUTE: INGESTION

| METHOD: OECD TEST GUIDELINE 474

| RESULT: NEGATIVE

| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:

| GENOTOXICITY IN VITRO:
| TEST TYPE: BACTERIAL REVERSE MUTATION ASSAY (AMES)
| RESULT: NEGATIVE

| GENOTOXICITY IN VIVO:
| TEST TYPE: IN VIVO MICRONUCLEUS TEST
| SPECIES: MOUSE
| APPLICATION ROUTE: INTRAPERITONEAL INJECTION
| RESULT: NEGATIVE

4-CHLORO-3,5-DIMETHYLPHENOL:

| GENOTOXICITY IN VITRO:
| TEST TYPE: BACTERIAL REVERSE MUTATION ASSAY (AMES)
| RESULT: NEGATIVE

CARCINOGENICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

INGREDIENTS:

AMMONIUM DODECYL SULPHATE:
| SPECIES: RAT
| APPLICATION ROUTE: INGESTION
| EXPOSURE TIME: 2 YEARS
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:
| SPECIES: RAT
| APPLICATION ROUTE: INGESTION
| EXPOSURE TIME: 2 YEARS
| RESULT: NEGATIVE

IARC:
NO INGREDIENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS PROBABLE, POSSIBLE OR CONFIRMED HUMAN CARCINOGEN BY IARC.

OSHA:
NO INGREDIENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA.

NTP:
NO INGREDIENT OF THIS PRODUCT PRESENT AT LEVELS GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A KNOWN OR ANTICIPATED CARCINOGEN BY NTP.

REPRODUCTIVE TOXICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

INGREDIENTS:

ETHANOL:

| EFFECTS ON FERTILITY:
| TEST TYPE: TWO-GENERATION REPRODUCTION TOXICITY STUDY
| SPECIES: MOUSE
| APPLICATION ROUTE: INGESTION
| METHOD: OECD TEST GUIDELINE 416
| RESULT: NEGATIVE

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:

| EFFECTS ON FERTILITY:
| TEST TYPE: TWO-GENERATION REPRODUCTION TOXICITY STUDY
| SPECIES: RAT
| APPLICATION ROUTE: INGESTION
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| EFFECTS ON FETAL DEVELOPMENT:
| TEST TYPE: TWO-GENERATION REPRODUCTION TOXICITY STUDY
| SPECIES: RAT
| APPLICATION ROUTE: INGESTION
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:

| EFFECTS ON FETAL DEVELOPMENT:
| TEST TYPE: EMBRYO-FETAL DEVELOPMENT
| SPECIES: RAT
| APPLICATION ROUTE: INGESTION
| RESULT: NEGATIVE
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:

| EFFECTS ON FERTILITY:
| SPECIES: MOUSE
| APPLICATION ROUTE: INGESTION
| RESULT: NEGATIVE

| EFFECTS ON FETAL DEVELOPMENT:
| TEST TYPE: EMBRYO-FETAL DEVELOPMENT
| SPECIES: MOUSE
| APPLICATION ROUTE: INGESTION
| RESULT: NEGATIVE

STOT-SINGLE EXPOSURE: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

STOT-REPEATED EXPOSURE: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

REPEATED DOSE TOXICITY:

INGREDIENTS:

ETHANOL:
| SPECIES: RAT
| NOAEL: 2,400 MG/KG
| APPLICATION ROUTE: INGESTION
| EXPOSURE TIME: 2 Y

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:
| SPECIES: RAT
| NOAEL: >225 MG/KG
| APPLICATION ROUTE: INGESTION
| EXPOSURE TIME: 90 D
| METHOD: OECD TEST GUIDELINE 408
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:
| SPECIES: RAT
| NOAEL: 1,700 MG/KG
| APPLICATION ROUTE: INGESTION
| EXPOSURE TIME: 2 Y

4-CHLORO-3,5-DIMETHYLPHENOL:
| SPECIES: RABBIT
| LOAEL: 180 MG/KG
| APPLICATION ROUTE: SKIN CONTACT
| EXPOSURE TIME: 90 D

ASPIRATION TOXICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

SECTION 12. ECOLOGICAL INFORMATION

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ECOTOXICITY:

INGREDIENTS:

ETHANOL:

| TOXICITY TO FISH:
| LC50 (PIMEPHALES PROMELAS (FATHEAD MINNOW)): >1,000 MG/L
| EXPOSURE TIME: 96 H

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
| EC50 (DAPHNIA MAGNA (WATER FLEA)): >1,000 MG/L
| EXPOSURE TIME: 48 H

| TOXICITY TO ALGAE:
| EC50 (CHLORELLA VULGARIS (FRESH WATER ALGAE)): 275 MG/L
| EXPOSURE TIME: 72 H
| METHOD: OECD TEST GUIDELINE 201

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES (CHRONIC TOXICITY):
| NOEC (DAPHNIA MAGNA (WATER FLEA)): 9.6 MG/L
| EXPOSURE TIME: 9 D

| TOXICITY TO BACTERIA:
| EC50 (PHOTOBACTERIUM PHOSPHOREUM): 32.1 MG/L
| EXPOSURE TIME: 0.25 H

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:

| TOXICITY TO FISH:
| LC50 (DANIO RERIO (ZEBRA FISH)): 7.1 MG/L
| EXPOSURE TIME: 96 H
| METHOD: OECD TEST GUIDELINE 203
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
| EC50 (DAPHNIA MAGNA (WATER FLEA)): 7.4 MG/L
| EXPOSURE TIME: 48 H
| METHOD: OECD TEST GUIDELINE 202
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO ALGAE:

| ERC50 (DESMODESMUS SUBSPICATUS (GREEN ALGAE)): 27.7 MG/L
| EXPOSURE TIME: 72 H
| METHOD: OECD TEST GUIDELINE 201
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| NOEC (DESMODESMUS SUBSPICATUS (GREEN ALGAE)): 0.95 MG/L
| EXPOSURE TIME: 72 H
| METHOD: OECD TEST GUIDELINE 201

| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO FISH (CHRONIC TOXICITY):
| NOEC (ONCORHYNCHUS MYKISS (RAINBOW TROUT)): 0.14 MG/L
| EXPOSURE TIME: 28 D
| METHOD: OECD TEST GUIDELINE 204
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES (CHRONIC TOXICITY):
| NOEC (DAPHNIA MAGNA (WATER FLEA)): 0.27 MG/L
| EXPOSURE TIME: 21 D
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO BACTERIA:
| EC10 (PSEUDOMONAS PUTIDA): >10 G/L
| EXPOSURE TIME: 16 H
| METHOD: DIN 38 412 PART 8
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:

| TOXICITY TO FISH:
| LC50 (ONCORHYNCHUS MYKISS (RAINBOW TROUT)): 3.6 MG/L
| EXPOSURE TIME: 96 H
| METHOD: OECD TEST GUIDELINE 203
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
| EC50 (DAPHNIA MAGNA (WATER FLEA)): 4.7 MG/L
| EXPOSURE TIME: 48 H
| METHOD: TESTED ACCORDING TO DIRECTIVE 92/69/EEC.
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO ALGAE:

| ERC50 (DESMODESMUS SUBSPICATUS (GREEN ALGAE)): >20 MG/L
| EXPOSURE TIME: 72 H
| METHOD: DIRECTIVE 67/548/EEC, ANNEX V, C.3.
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| EC10 (DESMODESMUS SUBSPICATUS (GREEN ALGAE)): 5.4 MG/L
| EXPOSURE TIME: 72 H
| METHOD: DIRECTIVE 67/548/EEC, ANNEX V, C.3.
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES (CHRONIC TOXICITY):
| NOEC (CERIODAPHNIA DUBIA (WATER FLEA)): 0.88 MG/L
| EXPOSURE TIME: 7 D
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

| TOXICITY TO BACTERIA:
| EC0 (PSEUDOMONAS PUTIDA): 409 MG/L
| EXPOSURE TIME: 16 H
| METHOD: DIN 38 412 PART 8
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:

| TOXICITY TO FISH:
| LC50 (ONCORHYNCHUS MYKISS (RAINBOW TROUT)): 40,613 MG/L
| EXPOSURE TIME: 96 H

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
| EC50 (CERIODAPHNIA DUBIA (WATER FLEA)): 18,340 MG/L

| EXPOSURE TIME: 48 H

| TOXICITY TO ALGAE:
| EC50 (SKELETONEMA COSTATUM (MARINE DIATOM)): 19,000 MG/L
| EXPOSURE TIME: 48 H
| METHOD: OECD TEST GUIDELINE 201

| TOXICITY TO FISH (CHRONIC TOXICITY):
| CHRONIC TOXICITY VALUE: 2,500 MG/L
| EXPOSURE TIME: 30 D

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES (CHRONIC TOXICITY):
| NOEC (CERIODAPHNIA DUBIA (WATER FLEA)): 29,000 MG/L
| EXPOSURE TIME: 7 D

| TOXICITY TO BACTERIA:
| NOEC (PSEUDOMONAS PUTIDA): >20,000 MG/L
| EXPOSURE TIME: 18 H

4-CHLORO-3,5-DIMETHYLPHENOL:

| TOXICITY TO FISH:
| LC50 (ONCORHYNCHUS MYKISS (RAINBOW TROUT)): 0.76 MG/L
| EXPOSURE TIME: 96 H

| TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:
| EC50 (DAPHNIA MAGNA (WATER FLEA)): 7.7 MG/L
| EXPOSURE TIME: 48 H

| M-FACTOR (ACUTE AQUATIC TOXICITY): 1

PERSISTENCE AND DEGRADABILITY:

INGREDIENTS:

ETHANOL:

| BIODEGRADABILITY:
| RESULT: READILY BIODEGRADABLE.
| BIODEGRADATION: 84%
| EXPOSURE TIME: 20 D

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:

| BIODEGRADABILITY:
| RESULT: READILY BIODEGRADABLE.
| BIODEGRADATION: 100%
| EXPOSURE TIME: 28 D
| METHOD: DIRECTIVE 67/548/EEC ANNEX V, C.4.C.
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

AMMONIUM DODECYL SULPHATE:

| BIODEGRADABILITY:
| RESULT: READILY BIODEGRADABLE.
| BIODEGRADATION: 75.7%
| EXPOSURE TIME: 28 D
| METHOD: OECD TEST GUIDELINE 301B
| REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

PROPYLENE GLYCOL:

| BIODEGRADABILITY:
| RESULT: READILY BIODEGRADABLE.

| BIODEGRADATION: 98.3%
| EXPOSURE TIME: 28 D
| METHOD: OECD TEST GUIDELINE 301F

BIOACCUMULATIVE POTENTIAL:

INGREDIENTS:

ETHANOL:

| PARTITION COEFFICIENT N-OCTANOL/WATER:
| LOG POW: -0.35

ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL), AMMONIUM SALT:

| PARTITION COEFFICIENT N-OCTANOL/WATER:
| LOG POW: 0.3

AMMONIUM DODECYL SULPHATE:

| PARTITION COEFFICIENT N-OCTANOL/WATER:
| LOG POW: 0.8 - 0.91

PROPYLENE GLYCOL:

| PARTITION COEFFICIENT N-OCTANOL/WATER:
| LOG POW: -1.07

4-CHLORO-3,5-DIMETHYLPHENOL:

| PARTITION COEFFICIENT N-OCTANOL/WATER:
| LOG POW: 3.27

MOBILITY IN SOIL: NO DATA AVAILABLE

OTHER ADVERSE EFFECTS: NO DATA AVAILABLE

SECTION 13. DISPOSAL CONSIDERATIONS

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DISPOSAL METHODS:

WASTE FROM RESIDUES: DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

CONTAMINATED PACKAGING:

DISPOSE OF AS UNUSED PRODUCT.

EMPTY CONTAINERS SHOULD BE TAKEN TO AN APPROVED WASTE HANDLING SITE FOR RECYCLING OR DISPOSAL.

DO NOT BURN, OR USE A CUTTING TORCH ON, THE EMPTY DRUM.

SECTION 14. TRANSPORT INFORMATION

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INTERNATIONAL REGULATION:

UNRTDG: NOT REGULATED AS A DANGEROUS GOOD

IATA-DGR: NOT REGULATED AS A DANGEROUS GOOD

IMDG-CODE: NOT REGULATED AS A DANGEROUS GOOD

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:
NOT APPLICABLE FOR PRODUCT AS SUPPLIED.

DOMESTIC REGULATION:

49 CFR: NOT REGULATED AS A DANGEROUS GOOD

SECTION 15. REGULATORY INFORMATION

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EPCRA - EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW:

CERCLA REPORTABLE QUANTITY:
THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A CERCLA RQ.

SARA 304 EXTREMELY HAZARDOUS SUBSTANCES REPORTABLE QUANTITY:
THIS MATERIAL DOES NOT CONTAIN ANY COMPONENTS WITH A SECTION 304 EHS RQ.

SARA 311/312 HAZARDS:
FIRE HAZARD
ACUTE HEALTH HAZARD

SARA 302:
NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF
SARA TITLE III, SECTION 302.

SARA 313:
THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS
NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED
BY SARA TITLE III, SECTION 313.

US STATE REGULATIONS:

PENNSYLVANIA RIGHT TO KNOW:

WATER	7732-18-5	70 - 90%
ETHANOL	64-17-5	1 - 5%
AMMONIUM DODECYL SULPHATE	2235-54-3	1 - 5%
ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY (OXY-1,2-ETHANEDIYL),AMMONIUM SALT	67762-19-0	1 - 5%
PROPYLENE GLYCOL	57-55-6	1 - 5%
AMMONIUM SULFATE	7783-20-2	0.1 - 1%
PROPAN-2-OL	67-63-0	0.1 - 1%

NEW JERSEY RIGHT TO KNOW:

WATER	7732-18-5	70 - 90%
ETHANOL	64-17-5	1 - 5%
AMMONIUM DODECYL SULPHATE	2235-54-3	1 - 5%
ALPHA-SULFO-OMEGA-(DODECYLOXY)-POLY(OXY-1,2-ETHANEDIYL)	67762-19-0	1 - 5%

AMMONIUM SALT

PROPYLENE GLYCOL 57-55-6 1 - 5%

CALIFORNIA PROP 65:
THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH, OR ANY OTHER REPRODUCTIVE DEFECTS.

THE INGREDIENTS OF THIS PRODUCT ARE REPORTED IN THE FOLLOWING INVENTORIES:
AICS: ALL INGREDIENTS LISTED OR EXEMPT.

INVENTORIES:
AICS (AUSTRALIA), DSL (CANADA), IECSC (CHINA), REACH (EUROPEAN UNION), ENCS (JAPAN), ISHL (JAPAN), KECI (KOREA), NZIOC (NEW ZEALAND), PICCS (PHILIPPINES), TCSI (TAIWAN), TSCA (USA)

SECTION 16. OTHER INFORMATION

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FURTHER INFORMATION:

NFPA:
| HEALTH 3
| FLAMMABILITY 2
| INSTABILITY 0
SPECIAL HAZARD.

HMIS III:
| HEALTH 3
| FLAMMABILITY 2
| PHYSICAL HAZARD 0

0 = NOT SIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH
4 = EXTREME
* = CHRONIC

FULL TEXT OF OTHER ABBREVIATIONS:

ACGIH: USA. ACGIH THRESHOLD LIMIT VALUES (TLV)

NIOSH REL: USA. NIOSH RECOMMENDED EXPOSURE LIMITS

OSHA Z-1:
USA. OCCUPATIONAL EXPOSURE LIMITS (OSHA) - TABLE Z-1 LIM-ITS FOR AIR CONTAMINANTS

US WEEL: USA. WORKPLACE ENVIRONMENTAL EXPOSURE LEVELS (WEEL)

ACGIH / STEL: SHORT-TERM EXPOSURE LIMIT

NIOSH REL / TWA:
TIME-WEIGHTED AVERAGE CONCENTRATION FOR UP TO A 10-HOUR WORKDAY DURING A 40-HOUR WORKWEEK

OSHA Z-1 / TWA: 8-HOUR TIME WEIGHTED AVERAGE

US WEEL / TWA: 8-HR TWA

SOURCES OF KEY DATA USED TO COMPILE THE MATERIAL SAFETY DATA SHEET:

INTERNAL TECHNICAL DATA, DATA FROM RAW MATERIAL SDSS, OECD ECHEM PORTAL SEARCH RESULTS AND EUROPEAN CHEMICALS AGENCY, HTTP://ECHA.EUROPA.EU/

REVISION DATE: 04/08/2015

ITEMS WHERE CHANGES HAVE BEEN MADE TO THE PREVIOUS VERSION ARE HIGHLIGHTED IN THE BODY OF THIS DOCUMENT BY TWO VERTICAL LINES.

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