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SDS

**Common Name:** PROFESSIONAL PAINT & BODY SHOP HAND CLEANER**Manufacturer:** GOJO INDUSTRIES**SDS Revision Date:** 3/3/2015**SDS Format:** GHS-US**Grainger Item Number(s):** 2HC09, 5FX81**Manufacturer Model Number(s):**

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GOJO (R\*)

SAFETY DATA SHEET

GOJO (R\*) PROFESSIONAL PAINT &amp; BODY SHOP HAND CLEANER

VERSION: 1.0

REVISION DATE: 03/03/2015

MSDS NUMBER: 70037-00001

DATE OF LAST ISSUE:

DATE OF FIRST ISSUE: 03/03/2015

### SECTION 1. IDENTIFICATION



PRODUCT NAME: GOJO (R\*) PROFESSIONAL PAINT &amp; BODY SHOP HAND CLEANER

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: SKIN-CARE

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



GHS CLASSIFICATION:

SERIOUS EYE DAMAGE: CATEGORY 1

GHS LABEL ELEMENT:

HAZARD PICTOGRAMS: CORROSION

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H318: CAUSES SERIOUS EYE DAMAGE.

PRECAUTIONARY STATEMENTS:

PREVENTION:

P280: WEAR EYE PROTECTION/ FACE PROTECTION.

RESPONSE:

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.

OTHER HAZARDS: NONE KNOWN.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS



SUBSTANCE / MIXTURE: MIXTURE

HAZARDOUS INGREDIENTS:

CHEMICAL NAME	CAS-NO.	CONCENTRATION (%)
ALCOHOLS, C10-16, ETHOXYLATED,	68585-34-2	>=5 - <10

SULFATES, SODIUM SALTS

COCOAMIDOPROPYL BETAINE 61789-40-0 >=1 - <5

TITANIUM DIOXIDE 13463-67-7 >=1 - <5

#### SECTION 4. FIRST AID MEASURES



##### 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 15 MINUTES.

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



##### SUITABLE EXTINGUISHING MEDIA:

WATER SPRAY  
ALCOHOL-RESISTANT FOAM  
DRY CHEMICAL  
CARBON DIOXIDE (CO2)

UNSUITABLE EXTINGUISHING MEDIA: NONE KNOWN.

##### SPECIFIC HAZARDS DURING FIRE FIGHTING:

EXPOSURE TO COMBUSTION PRODUCTS MAY BE A HAZARD TO HEALTH.

##### HAZARDOUS COMBUSTION PRODUCTS:

CARBON OXIDES  
SULFUR OXIDES  
METAL OXIDES  
NITROGEN OXIDES (NOX)  
SILICON OXIDES  
CHLORINE COMPOUNDS

**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****PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**

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:**

SOAK UP WITH INERT ABSORBENT MATERIAL.

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****TECHNICAL MEASURES:**

SEE ENGINEERING MEASURES UNDER EXPOSURE CONTROLS/PERSONAL PROTECTION SECTION.

LOCAL/TOTAL VENTILATION: USE ONLY WITH ADEQUATE 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.

KEEP CONTAINER TIGHTLY CLOSED.

TAKE CARE TO PREVENT SPILLS, WASTE AND MINIMIZE RELEASE TO THE ENVIRONMENT.

CONDITIONS FOR SAFE STORAGE:

KEEP IN PROPERLY LABELED CONTAINERS.

KEEP TIGHTLY CLOSED.

STORE IN ACCORDANCE WITH THE PARTICULAR NATIONAL REGULATIONS.

MATERIALS TO AVOID:

DO NOT STORE WITH THE FOLLOWING PRODUCT TYPES: STRONG OXIDIZING AGENTS

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



INGREDIENTS WITH WORKPLACE CONTROL PARAMETERS:

INGREDIENTS	CAS-NO.	VALUE TYPE (FORM OF EXPOSURE)	CONTROL PARAMETERS / PERMISSIBLE CONCENTRATION	BASIS
TITANIUM DIOXIDE	13463-67-7	TWA (TOTAL DUST)	15 MG/M3	OSHA Z-1
		TWA	10 MG/M3 (TITANIUM DIOXIDE)	ACGIH

HAZARDOUS COMPONENTS WITHOUT WORKPLACE CONTROL PARAMETERS:

INGREDIENTS	CAS-NO.
ALCOHOLS, C10-16, ETHOXYLATED, SULFATES, SODIUM SALTS	68585-34-2
COCOAMIDOPROPYL BETAINE	61789-40-0

ENGINEERING MEASURES:

ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS.

MINIMIZE WORKPLACE EXPOSURE CONCENTRATIONS.

DUST FORMATION MAY BE RELEVANT IN THE PROCESSING OF THIS PRODUCT. IN ADDITION TO SUBSTANCE-SPECIFIC OELs, GENERAL LIMITATIONS OF CONCENTRATIONS 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

## 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.

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**

APPEARANCE: LIQUID

COLOR: OPAQUE, TAN

ODOR: FLORAL

ODOR THRESHOLD: NO DATA AVAILABLE

PH: 3.4 - 6.5

MELTING POINT/FREEZING POINT: NO DATA AVAILABLE

INITIAL BOILING POINT AND BOILING RANGE: 86 DEG. C

FLASH POINT: 112.8 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: 1.0690 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: 8,000 - 40,000 MM<sup>2</sup>/S

EXPLOSIVE PROPERTIES: NOT EXPLOSIVE

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

## SECTION 10. STABILITY AND REACTIVITY



REACTIVITY: NOT CLASSIFIED AS A REACTIVITY HAZARD.

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS:  
CAN REACT WITH STRONG OXIDIZING AGENTS.

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBLE MATERIALS: OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS:  
NO HAZARDOUS DECOMPOSITION PRODUCTS ARE KNOWN.

## SECTION 11. TOXICOLOGICAL INFORMATION



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

ACUTE TOXICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

INGREDIENTS:

ALCOHOLS, C10-16, ETHOXYLATED, SULFATES, SODIUM SALTS:

ACUTE ORAL TOXICITY:

LD50 (RAT): >2,000 MG/KG  
ASSESSMENT: THE SUBSTANCE OR MIXTURE HAS NO ACUTE ORAL TOXICITY

COCOAMIDOPROPYL BETAINE:

ACUTE ORAL TOXICITY:

LD50: >5,000 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

TITANIUM DIOXIDE:

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

ACUTE INHALATION TOXICITY:

LC50 (RAT): >6.82 MG/L  
EXPOSURE TIME: 4 H  
TEST ATMOSPHERE: DUST/MIST  
ASSESSMENT: THE SUBSTANCE OR MIXTURE HAS NO ACUTE INHALATION TOXICITY

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

PRODUCT:

RESULT: NO SKIN IRRITATION

INGREDIENTS:

ALCOHOLS, C10-16, ETHOXYLATED, SULFATES, SODIUM SALTS:

RESULT: SKIN IRRITATION

TITANIUM DIOXIDE:

SPECIES: RABBIT  
RESULT: NO SKIN IRRITATION

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

INGREDIENTS:

ALCOHOLS, C10-16, ETHOXYLATED, SULFATES, SODIUM SALTS:

RESULT: IRREVERSIBLE EFFECTS ON THE EYE

COCOAMIDOPROPYL BETAINE:

SPECIES: RABBIT  
RESULT: IRREVERSIBLE EFFECTS ON THE EYE  
METHOD: OECD TEST GUIDELINE 405  
REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

TITANIUM DIOXIDE:

SPECIES: RABBIT  
RESULT: NO EYE IRRITATION

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:

COCOAMIDOPROPYL BETAINE:

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

TITANIUM DIOXIDE:

TEST TYPE: LOCAL LYMPH NODE ASSAY (LLNA)

ROUTES OF EXPOSURE: SKIN CONTACT  
SPECIES: MOUSE  
RESULT: NEGATIVE

GERM CELL MUTAGENICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

INGREDIENTS:

COCOAMIDOPROPYL BETAINE:

GENOTOXICITY IN VITRO:  
TEST TYPE: BACTERIAL REVERSE MUTATION ASSAY (AMES)  
METHOD: OECD TEST GUIDELINE 471  
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

RESULT: NEGATIVE

REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

TITANIUM DIOXIDE:

GENOTOXICITY IN VITRO:

TEST TYPE: BACTERIAL REVERSE MUTATION ASSAY (AMES)  
RESULT: NEGATIVE

GENOTOXICITY IN VIVO:

TEST TYPE: IN VIVO MICRONUCLEUS TEST  
SPECIES: MOUSE  
RESULT: NEGATIVE

CARCINOGENICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

INGREDIENTS:

TITANIUM DIOXIDE:

SPECIES: RAT  
APPLICATION ROUTE: INHALATION (DUST/MIST/FUME)  
EXPOSURE TIME: 24 MONTHS  
METHOD: OECD TEST GUIDELINE 453  
RESULT: POSITIVE  
REMARKS: THE MECHANISM OR MODE OF ACTION MAY NOT BE RELEVANT IN HUMANS.

THE SUBSTANCE IS INEXTRICABLY BOUND IN THE PRODUCT AND THEREFORE DOES NOT  
CONTRIBUTE TO A DUST INHALATION HAZARD.

CARCINOGENICITY - ASSESSMENT:  
LIMITED EVIDENCE OF CARCINOGENICITY IN INHALATION STUDIES WITH ANIMALS.

IARC:  
GROUP 2B: POSSIBLY CARCINOGENIC TO HUMANS

TITANIUM DIOXIDE 13463-67-7

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:

COCOAMIDOPROPYL BETAINE:

## EFFECTS ON FETAL DEVELOPMENT:

TEST TYPE: EMBRYO-FETAL DEVELOPMENT

SPECIES: RAT

APPLICATION ROUTE: INGESTION

METHOD: OECD TEST GUIDELINE 414

RESULT: NEGATIVE

REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

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

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

## REPEATED DOSE TOXICITY:

## INGREDIENTS:

COCOAMIDOPROPYL BETAINE:

SPECIES: RAT

NOAEL: 250 MG/KG

APPLICATION ROUTE: INGESTION

EXPOSURE TIME: 90 D

METHOD: OECD TEST GUIDELINE 408

REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

## TITANIUM DIOXIDE:

SPECIES: RAT

NOAEL: 24,000 MG/KG

APPLICATION ROUTE: INGESTION

EXPOSURE TIME: 28 D

SPECIES: RAT

NOAEL: 10 MG/M3

APPLICATION ROUTE: INHALATION (DUST/MIST/FUME)

EXPOSURE TIME: 2 Y

## REMARKS:

THE SUBSTANCE IS INEXTRICABLY BOUND IN THE PRODUCT AND THEREFORE DOES NOT CONTRIBUTE TO A DUST INHALATION HAZARD.

ASPIRATION TOXICITY: NOT CLASSIFIED BASED ON AVAILABLE INFORMATION.

**SECTION 12. ECOLOGICAL INFORMATION**

## ECOTOXICITY:

## INGREDIENTS:

COCOAMIDOPROPYL BETAINE:

TOXICITY TO FISH:

LC50: >1 - 10 MG/L

EXPOSURE TIME: 96 H  
METHOD: ISO 7346/2  
REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

TOXICITY TO BACTERIA:

EC50: >100 MG/L  
METHOD: OECD TEST GUIDELINE 209  
REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

TITANIUM DIOXIDE:

TOXICITY TO FISH:

LC50 (ONCORHYNCHUS MYKISS (RAINBOW TROUT)): >100 MG/L  
EXPOSURE TIME: 96 H  
METHOD: OECD TEST GUIDELINE 203

TOXICITY TO DAPHNIA AND OTHER AQUATIC INVERTEBRATES:

EC50 (DAPHNIA MAGNA (WATER FLEA)): >100 MG/L  
EXPOSURE TIME: 48 H

TOXICITY TO ALGAE:

EC50 (SKELETONEMA COSTATUM (MARINE DIATOM)): >10,000 MG/L  
EXPOSURE TIME: 72 H

TOXICITY TO BACTERIA:

EC50: >1,000 MG/L  
EXPOSURE TIME: 3 H  
METHOD: OECD TEST GUIDELINE 209

PERSISTENCE AND DEGRADABILITY:

INGREDIENTS:

ALCOHOLS, C10-16, ETHOXYLATED, SULFATES, SODIUM SALTS:

BIODEGRADABILITY:  
RESULT: READILY BIODEGRADABLE.

COCOAMIDOPROPYL BETAINE:

BIODEGRADABILITY:  
RESULT: READILY BIODEGRADABLE.  
BIODEGRADATION: >60%  
EXPOSURE TIME: 28 D  
METHOD: OECD TEST GUIDELINE 301  
REMARKS: BASED ON DATA FROM SIMILAR MATERIALS

BIOACCUMULATIVE POTENTIAL: NO DATA AVAILABLE

MOBILITY IN SOIL: NO DATA AVAILABLE

OTHER ADVERSE EFFECTS: NO DATA AVAILABLE

### SECTION 13. DISPOSAL CONSIDERATIONS



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.

## SECTION 14. TRANSPORT INFORMATION



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



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: 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.

PENNSYLVANIA RIGHT TO KNOW:

WATER	7732-18-5	50 - 70%
DIMETHYL ADIPATE	627-93-0	10 - 20%
WALNUT SEED EXTRACT	84012-43-1	5 - 10%
ALCOHOLS, C10-16, ETHOXYLATED, SULFATES, SODIUM SALTS	68585-34-2	5 - 10%
TITANIUM DIOXIDE	13463-67-7	1 - 5%

NEW JERSEY RIGHT TO KNOW:

WATER	7732-18-5	50 - 70%
DIMETHYL ADIPATE	627-93-0	10 - 20%
WALNUT SEED EXTRACT	84012-43-1	5 - 10%
ALCOHOLS, C10-16, ETHOXYLATED, SULFATES, SODIUM SALTS	68585-34-2	5 - 10%

COCOAMIDOPROPYL BETAINE	61789-40-0	1 - 5%
TITANIUM DIOXIDE	13463-67-7	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:

REACH: ALL INGREDIENTS (PRE-)REGISTERED OR EXEMPT.

TSCA:  
ALL CHEMICAL SUBSTANCES IN THIS PRODUCT ARE EITHER LISTED ON THE TSCA INVENTORY OR ARE IN COMPLIANCE WITH A TSCA INVENTORY EXEMPTION.

DSL:  
ALL CHEMICAL SUBSTANCES IN THIS PRODUCT COMPLY WITH THE CEPA 1999 AND NSNR AND ARE ON OR EXEMPT FROM LISTING ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL).

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



FURTHER INFORMATION:

NFPA:  
HEALTH 3  
FLAMMABILITY 1  
INSTABILITY 0  
SPECIAL HAZARD

HMIS III:  
HEALTH 3  
FLAMMABILITY 1  
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)

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

ACGIH / TWA: 8-HOUR, TIME-WEIGHTED AVERAGE

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

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/](http://ECHA.EUROPA.EU/)

REVISION DATE: 03/03/2015

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US / Z8