

SAFETY DATA SHEET
ACCORDING TO 1907/2006/EC, ARTICLE 31

M & A TRIGON HAND SOAP
With ANTIBACTERIAL AGENT

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1: PRODUCT IDENTIFIER

Product Name	M & A Trigon Hand Soap with Antibacterial Agent
Other means of identification	Hand Soap Anti Bac Hand Soap

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses	Hand Washing
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1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier	M & A Hygiene PLC
Address	Unit 2, Highams Hill farm, Sheepbarn Lane, Warlingham, CR6 9PQ.
Web	www.m-a-hygiene.co.uk
Telephone	01959 577778
Fax	01959 577780
Email	sales@m-a-hygiene.co.uk
Email address of the competent person	

1.4 EMERGENCY TELEPHONE NUMBER

Emergency telephone number	
Further information	
Uses advised against	

SECTION 2: HAZARDS IDENTIFICATION**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

2.1.1 Classification – 1999/45/EC	NOT CLASSIFIED
Main Hazards	NOT CLASSIFIED

2.2 LABEL ELEMENTS

Symbols	NOT CLASSIFIED
Signal word	
Hazard statement	NOT CLASSIFIED
Precautionary Statement: Prevention	P102-KEEP OUT OF REACH OF CHILDREN. P 15- RESTRICTED TO PROFESSIONAL USERS.
Precautionary Statement: Response	P301+P330+P331- IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING. P305+P351+P338- IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT CONTAINER OR LABEL AT HAND.

2.3 OTHER HAZARDS

Other hazards	Rinse hands after use. People with sensitive skin should avoid prolonged contact with the product
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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Range	EC No	CAS No	Reach No/Submission No	Classification according to 67/548/EEC
ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS	1-10%	500-234-8	68891-38-3	01-2119488639-16	H315; H318
COCONUT DIETHANOLAMIDE	0.5-1%	271-657-0	68603-42-9		H315; H318
1,2-BENZISOTHIAZOL-3(2H)-ONE	0.1-.05%	220-120-9	2634-33-5		H317;H400; H318; H315; H302
5-CHLORO-2METHYL-4ISOTHIAZOLIN-3-ONE (EC No 247-500-7) (3 PARTS OF) AND 2-METHYL-4-ISOTHIAZOLIN-3-ONE (EC No 220-	0.1-0.5		55965-9		H301; H311; H314; H317; H331; H410

239-6) (1 PART OF) MIXTURE OF					
GLYCERINE (GLYCEROL, MIST)	0.1-0.5%	200-289-5	56-81-5		

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW THE LABEL WHERE POSSIBLE). IN CASE OF ACCIDENT BY INHALATION: REMOVE CASUALTY TO FRESH AIR AND KEEP AT REST.
Eye contact	RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES.
Skin Contact	RINSE IMMEDIATELY WITH PLENTY OF WATER
Ingestion	DO NOT INDUCE VOMITING. DRINK 1 TO 2 GLASSES OF WATER. IF SWALLOWED, RINSE MOUTH WITH WATER (ONLY IF PERSON IS CONSCIOUS)

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Inhalation	INHALATION MAY CAUSE NAUSEA AND VOMITING.
Eye contact	MAY CAUSE IRRITATION TO EYES
Skin Contact	MAY CAUSE IRRITATION TO SKIN. MAY CAUSE DEGREASING OF THE SKIN. MAY CAUSE DERMATITIS
Ingestion	INGESTION MAY CAUSE NAUSEA AND VOMITING

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Inhalation	IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE (SHOW LABEL WHERE POSSIBLE) REMOVE THE EFFECTED PERSON FROM THE SOURCE OF CONTAMINATION IMMEDIATELY.
Eye contact	IRRITATING TO EYES. BATHE THE EYE WITH RUNNING WATER FOR 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO.
Skin Contact	IRRITATING TO SKIN. RINSE IMMEDIATELY WITH PLENTY OF WATER.
Ingestion	INGESTION MAY CAUSE NAUSEA AND VOMITING, RINSE MOUTH THOROUGHLY. DRINK 1 TO 2 GLASSES OF WATER

GENERAL INFORMATION

	AVOID CONTACT WITH EYES. AVOID PROLONGED REPEATED EXPOSURE.
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SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

	WATER SPRAY
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5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

	CARBON DIOXIDE (CO2)
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5.3 ADVICE FOR FIREFIGHTERS

	SELF-CONTAINED BREATHING APPARATUS
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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

	WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION. WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION. APPLY A BARRIER CREAM BEFORE HANDLING THE PRODUCT
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6.2 ENVIRONMENTAL PRECAUTIONS

	ADVISE LOCAL AUTHORITIES IF LARGE SPILLS CANNOT BE CONTAINED.
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6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

	ABSORB WITH INERT, ABSORBENT MATERIAL.
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6.4 REFERENCE TO OTHER SECTIONS

	FOR PERSONAL PROTECTION, SEE SECTION 8, FOR WASTE DISPOSAL SEE SECTION 13.
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FURTHER INFORMATION

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SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

	ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. AVOID CONTACT WITH EYES AN SKIN. KEEP ONLY IN THE ORIGINAL CONTAINER. KEEP OUT OF REACH OF CHILDREN.
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7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

	DO NOT MIX WITH ANY OTHER PRODUCTS. KEEP ONLY IN THE ORIGINAL CONTAINER.
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7.3 SPECIFIC END USE(S)

SUITABLE PACKAGING	PLASTIC CONTAINERS, MILD STEEL CONTAINERS, STAINLESS STEEL CONTAINERS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

	NO DATA IS AVAILABLE ON THIS PRODUCT
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8.1.1 EXPOSURE LIMIT VALUES

5-Chloro-2-methyl-4-isothiazolin-3-one (EC No 247-5-7 (3 parts of) and 2-Methyl-4-isothiazolin-3-One (EC No 220-239-6) (1 part of) a mixture	WEL 8HR LIMIT PPM:	WEL 8-HR LIMIT MG/M3: 0.2
	WEL 15 MIN LIMIT PPM:	WEL 15 MIN LIMIT MG/M3
Glycerine (Glycerol, mist)	WEL 8-HR LIMIT PPM:-	WEL 8HR LIMIT MG/M3: 10
	WEL 15 MIN LIMIT PPM:-	WEL 15 MIN LIMIT MG/M3:

8.2 EXPOSURE CONTROLS

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8.2.1 Appropriate engineering controls	NOT NORMALLY REQUIRED
8.2.2 Individual protection measures	ADOPT BEST MANUAL HANDLING CONSIDERATIONS WHEN HANDLING, CARRYING AND DISPENSING. USE APPROPRIATE CLOTHING.
Eye/face protection	AVOID CONTACT WITH EYES
Skin protection	NOT NORMALLY REQUIRED
Hand protection	WEAR SUITABLE GLOVES
Skin protection – other	APPLY A BARRIER CREAM BEFORE HANDLING THE PRODUCT
Respiratory protection	NOT NORMALLY REQUIRED
Thermal hazards	NO DATA IS AVAILABLE ON THIS PRODUCT
8.2.3 Environmental exposure controls	NOT NORMALLY REQUIRED
Occupational exposure controls	NOT NORMALLY REQUIRED. USE AS APPROPRIATE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

State	VISCOUS LIQUID
Colour	WHITE
Odour	NONE
pH	6-7
Melting point	NOT APPLICABLE
Freezing point	2-4
Boiling point	95-100
Flash point	NOT APPLICABLE
Evaporation rate	NOT APPLICABLE
Flammability limits	NOT APPLICABLE
Vapour flammability	NOT APPLICABLE
Vapour pressure	NOT APPLICABLE
Vapour density	NOT APPLICABLE
Relative density	NOT RELEVANT
Fat solubility	NOT APPLICABLE
Partition coefficient	NOT APPLICABLE
Autoignition temperature	NOT RELEVANT
Explosive	NOT APPLICABLE
Oxidising	NOT APPLICABLE
Solubility	NOT APPLICABLE

9.2 OTHER INFORMATION

Conductivity	NOT APPLICABLE
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Surface tension	NOT APPLICABLE
Gas group	NOT APPLICABLE
Benzene content	NOT APPLICABLE
Lead content	NOT APPLICABLE
VOC (volatile organic compounds)	NOT APPLICABLE

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

	NO SPECIFIC HAZARD ASSOCIATED WITH THIS PRODUCT
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10.2 CHEMICAL STABILITY

	DO NOT ALLOW TO FREEZE. STABLE UNDER NORMAL CONDITIONS
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10.3 POSSIBILITY OF HAZARDOUS REACTIONS

	NO INCOMPATIBLE GROUPS NOTED
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10.4 CONDITIONS TO AVOID

	DO NOT ALLOW TO FREEZE. PROTECT FROM FROST
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10.5 INCOMPATIBLE MATERIALS

	OXIDISING AGENTS
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10.6 HAZARDOUS DECOMPOSITION PRODUCTS

	CARBON DIOXIDE (CO ₂)
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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity	NO KNOWN ADVERSE HEALTH EFFECTS
Skin corrosion/irritation	MAY CAUSE IRRITATION TO SKIN
Serious eye damage/irritation	MAY CAUSE IRRITATION TO EYES.
Respiratory or skin sensitisation	MAY CAUSE SENSITISATION BY INHALATION AND SKIN CONTACT.
Germ cell mutagenicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
Carcinogenicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
Reproductive toxicity	NO DATA IS AVAILABLE ON THIS PRODUCT.
STOT-single exposure	NO DATA IS AVAILABLE ON THIS PRODUCT.
STOT-repeated exposure	NO DATA IS AVAILABLE ON THIS PRODUCT.
11.1.4 Toxicological Information	NO DATA AVAILABLE

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

5-Chloro-2-methyl-4-isothiazolin-3-one (EC No 247-5-7 (3 parts of) and 2-Methyl-4-isothiazolin-3-One (EC No 220-239-6) (1 part of) a mixture Alcohols, C12-14, ethoxylated, sulfates, sodium salts	ALGAE EC50/72H: 003	GUPPY LC50/96H: .19
	DAPHNIA EC50/48H: 10.0000 MG/L FISH LC50/96: 10.0000 MG/L DAPHNIA LC50/96: 10.00	ALGAE IC50/72H: 100.0000 MG/L ALGAE EC50/72: 10 ALGAE EC50/72: 10

12.2 PERSISTENCE AND DEGRADABILITY

	READILY BIODEGRADABLE
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12.3 BIOACCUMULATIVE POTENTIAL

	DOES NOT BIOACCUMULATE
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12.4 MOBILITY IN SOIL

	DO NOT LET PRODUCT CONTAMINATE SUBSOIL.
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12.5 RESULTS OF PBT AND VPVB ASSESSMENT

	NO DATA IS AVAILABLE ON THIS PRODUCT.
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12.6 OTHER ADVERSE EFFECTS

	NO DATA IS AVAILABLE ON THIS PRODUCT.
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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

	DISCHARGE USED SOLUTIONS TO DRAIN. SMALL AMOUNTS (LESS THAN 5 LITRES) OF UNWANTED PRODUCT MAY BE FLUSHED WITH WATER TO SEWER. LARGE VOLUMES MUST BE SENT FOR DISPOSAL AS SPECIAL WASTE. RINSE OUT EMPTY CONTAINER WITH WATER AND CONSIGN TO NORMAL WASTE.
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GENERAL INFORMATION

	THIS PRODUCT IS CONSIDERED AS NONE HAZARDOUS
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DISPOSAL METHODS

	LOCAL AND NATIONAL REGULATIONS. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY.
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DISPOSAL OF PACKAGING

	EMPTY CONTAINERS CAN BE CLEANED WITH WATER. EMPTY CONTAINERS CAN BE SENT FOR DISPOSAL OR RECYCLING.
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SECTION 14: TRANSPORT INFORMATION

ADR/RID	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE.
IMDG	THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE.

IATA

THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Regulations	COMMISSION REGULATION (EU) No 453/2010 OF 20 MAY 2010 AMENDING REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL ON THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICAL AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No 793/93 AND COMMISSION REGULATION (EC) No 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC AND COMMISSION DIRECTIVE 91/155/EEC, 93/67/EEC, 93/105/EEC AND 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 DECEMBER 2006 CONCERNING THE REGISTRATION, EVALUATION, AUTHORISATION AND RESTRICTION OF CHEMICALS (REACH) ESTABLISHING A EUROPEAN CHEMICAL AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No 793/93 AND COMMISSION REGULATION (EC) No 1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC AND COMMISSION DIRECTIVES 91/155/EEC, 93/67/EEC AND 2000/21/EC
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15.2 CHEMICAL SAFETY ASSESSMENT

NO DATA IS AVAILABLE ON THIS PRODUCT

SECTION 16: OTHER INFORMATION

OTHER INFORMATION

Text of risk phrases in Section 3	H315-CAUSES SKIN IRRITATION H302- HARMFUL IF SWALLOWED H318- CAUSES SERIOUS EYE DAMAGE H317- MAY CAUSE AN ALLERGIC SKIN REACTION H400-VERY TOXIC TO AQUATIC LIFE H301-TOXIC IF SWALLOWED H311- TOXIC IN CONTACT WITH SKIN H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE H331 TOXIC IF INHALED H410-VEY TOXIC TO AQUATIC LIFE WITH LONG TERM EFFECTS.
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GENERAL INFORMATION

THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS FOR CARRIAGE. THIS INFORMATION IS CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AT THE DATE OF PUBLICATION HOWEVER NO GUARANTEE IS MADE TO ITS ACCURACY.

FURTHER INFORMATION

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical

knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness.

M & A HYGIENE PLC WILL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY RESULTING FROM ANY INHERENT HAZARD OF THE MATERIAL, THE ABNORMAL USE OF THE MATERIAL OR FROM FAILURE TO ADHERE TO RECOMMENDATION.