

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
Product name : MIDA ADD 407 MO  
Product code : IT00378  
Type of product : Detergent

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**1.2.1. Relevant identified uses**

Main use category : Professional use  
Use of the substance/mixture : Sequestrant additive

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

Christeyns Italia S.r.l. - Divisione Food Hygiene  
Via Aldo Moro 30  
20060 PESSANO CON BORNAGO (MI) - Italia  
T +39 (02) 99765220 - F +39 (02) 99765249  
[info.fhitalia@christeyns.com](mailto:info.fhitalia@christeyns.com) - [www.christeyns.com](http://www.christeyns.com)

**1.4. Emergency telephone number**

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Eye Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2. Label elements**

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS07

CLP Signal word : Warning  
Hazardous ingredients : Alkylpolyglucoside  
Hazard statements (CLP) : H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P280 - Wear eye protection, protective gloves.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
EUH-statements : EUH208 - Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

**2.3. Other hazards**

No additional information available

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Nitrotrimethylenetris(phosphonic acid)	(CAS-no) 6419-19-8 (Einecs nr) 229-146-5 (REACH-no) 01-2119487988-08	3 - 5	Eye Irrit. 2, H319
Alkylpolyglucoside	(CAS-no) 68515-73-1 (Einecs nr) 500-220-1 (REACH-no) 01-2119488530-36	1 - 3	Eye Dam. 1, H318
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-no) 55965-84-9 (Einecs nr) 611-341-5 (EG annex nr) 613-167-00-5 (REACH-no) 01-2120764691-48	< 1	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=10)

#### Specific concentration limits:

Name	Product identifier	Specific concentration limits
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	(CAS-no) 55965-84-9 (Einecs nr) 611-341-5 (EG annex nr) 613-167-00-5 (REACH-no) 01-2120764691-48	( 0,0015 =<C < 100) Skin Sens. 1A, H317 ( 0,06 =<C < 0,6) Eye Irrit. 2, H319 ( 0,06 =<C < 0,6) Skin Irrit. 2, H315 ( 0,6 =<C < 100) Skin Corr. 1B, H314

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

General advice	: If you feel unwell, seek medical advice.
Inhalation	: Get medical advice/attention if you feel unwell.
Skin contact	: Consult a doctor/medical service if you feel unwell.
Eye contact	: Rinse immediately with plenty of water, also under the eyelids. Call a physician immediately.
Ingestion	: Call a physician immediately. Rinse mouth out with water. Do not induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

Acute effects eyes	: Causes eye irritation.
Acute effects oral route	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : All extinguishing agents can be used.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon dioxide. Carbon monoxide.

#### 5.3. Advice for firefighters

Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Protective equipment : Concerning personal protective equipment to use, see section 8.

##### 6.1.2. For emergency responders

Protective equipment : Use self-contained breathing apparatus and chemically protective clothing.  
Emergency procedures : Evacuate unnecessary personnel.

#### 6.2. Environmental precautions

Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.

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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb spilled material with sand or earth. Shovel or sweep up and put in a closed container for disposal.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Never mix with other materials. Never return unused material to original container.

Hygiene measures : Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container. Store tightly closed in a dry and cool place.

Material(s) to avoid : None known.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Personal protective equipment:

Safety glasses.

<b>Hand protection:</b>
Protective gloves
<b>Eye protection:</b>
Wear security glasses which protect from splashes
<b>Protective equipment:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
No respiratory protection needed under normal use conditions

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Brown.
Odour	: Characteristic.
Odour threshold	: No data available
pH	: 4,05 ± 0,25 (100%) - 7,5 ± 0,5 (1%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: No data available
Flash point	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1,059 ± 0.05 g/ml

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Solubility	: soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Never mix with other materials.

### 10.6. Hazardous decomposition products

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

#### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LD50 oral rat	64 mg/kg
LD50 oral	59 mg/kg bodyweight
LD50 dermal rat	87,12 mg/kg
LD50 dermal rabbit	78 mg/kg
LD50 dermal	> 75 mg/kg bodyweight
LC50 inhalation rat (mg/l)	0,33 mg/l/4h
LC50 inhalation rat (Dust/Mist - mg/l/4h)	0,33 mg/l/4h

#### Methyl-oxirane polymer with oxirane (9003-11-6)

LD50 oral rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 1,37 mg/l/4h

Skin corrosion/irritation	: Not classified pH: 4,05 ± 0,25 (100%) - 7,5 ± 0,5 (1%)
Serious eye damage/irritation	: Causes serious eye irritation. pH: 4,05 ± 0,25 (100%) - 7,5 ± 0,5 (1%)
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

#### nitrilotrimethylenetris (phosphonic acid), sodium salt (20592-85-2)

NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight/day
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Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

#### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LC50 fish 1	0,19 mg/l Rainbow trout
LC50 fish 2	zonnebaars
EC50 Daphnia 1	0,16 mg/l
EC50 other aquatic organisms 1	0,126 mg/l waterflea
EC50 other aquatic organisms 2	0,003 mg/l
EC50 72h algae (1)	0,027 mg/l
ErC50 (algae)	0,003 mg/l Skeletonema costatum
ErC50 (other aquatic plants)	0,018 mg/l selenastrum capricornutum
NOEC chronic fish	0,05 mg/l
NOEC chronic crustacea	0,1 mg/l
NOEC chronic algae	0,0014 mg/l

#### Methyl-oxirane polymer with oxirane (9003-11-6)

LC50 fish 1	> 100 mg/l (Leuciscus idus)
EC50 Daphnia 1	> 100 mg/l
ErC50 (algae)	> 100 mg/l

#### 12.2. Persistence and degradability

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Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
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#### 12.3. Bioaccumulative potential

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Bioaccumulative potential	No bioaccumulation.
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#### Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

Log Pow	0,4
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#### nitriлотrimethylenetris (phosphonic acid), sodium salt (20592-85-2)

Log Pow	-3,53
Log Kow	-3,5

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste / unused products

: Collect all waste in suitable and labelled containers and dispose according to local legislation.

HP Code

: HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA
<b>14.1. UN number</b>		
Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>		
Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>		
Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>		
Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>		
Not applicable	Not applicable	Not applicable

No supplementary information available

#### 14.6. Special precautions for user

##### Overland transport

Not applicable

##### Transport by sea

Not applicable

##### Air transport

Not applicable

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Detergent Regulation : Labelling of contents:	
Component	%
non-ionic surfactants, phosphonates	5-15%
anionic surfactants, phosphates	<5%
METHYLCHLOROISOTHIAZOLINONE (AND) METHYLISOTHIAZOLINONE	

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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### SECTION 16: Other information

Indication of changes:			
Section	Changed item	Change	Comments
1.2	Use of the substance/mixture	Modified	
2.2	Contains	Added	
13.1	HP Code	Modified	

Other information : It is recommended to pass the information of this safety data sheet in an appropriate form to the users. Such information is actually the best of our knowledge and believes accurate as reliable. This information relates to the specific material designated and may not be valid in combination with other products. This safety data sheet is in compliance with 1907/2006/EEC. It is user's liabilities to take all necessary measures to meet local required laws and regulations. The producer is not responsible for any damage and loss due to the use of information mentioned in this safety data sheet.

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*