



SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Mida ADD 408 ED

Edition: 1.0
Date: 31/07/2017
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Chemical type : Mixtures
Trade name : Mida ADD 408 ED
Product code : 2728

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Detergent

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

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9000 GENT - België
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info@christeyns.be - www.christeyns.com

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number	Comment
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Met. Corr. 1 : H290
Acute Tox. 4 (Inhalation:dust,mist) : H332
Eye Irrit. 2 : H319
STOT RE 2 : H373

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) :



CLP Signal word : Warning
Hazardous ingredients : Tetrasodium Ethylene Diamine Tetraacetate
Hazard statements (CLP) : H290 - May be corrosive to metals
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H373 - May cause damage to organs (respiratory system) through prolonged or repeated exposure (inhalation)
Precautionary statements (CLP) : P260 - Do not breathe vapours, mist, spray
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear eye protection, protective gloves, face protection, protective clothing
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable

for breathing

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P312 - Call a POISON CENTER or doctor/physician if you feel unwell

2.3. Other hazards

No additional information available

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]
Tetrasodium Ethylene Diamine Tetraacetate	(CAS-no) 64-02-8 (Einecs nr) 200-573-9 (EG annex nr) 607-428-00-2 (REACH-no) 01-2119486762-27	30 - 50	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 STOT RE 2, H373
Sodium hydroxide	(CAS-no) 1310-73-2 (Einecs nr) 215-185-5 (EG annex nr) 011-002-00-6 (REACH-no) 01-2119457892-27	< 3	Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Sodium hydroxide	(CAS-no) 1310-73-2 (Einecs nr) 215-185-5 (EG annex nr) 011-002-00-6 (REACH-no) 01-2119457892-27	(0,5 =<C < 2) Eye Irrit. 2, H319 (0,5 =<C < 2) Skin Irrit. 2, H315 (2 =<C < 5) Skin Corr. 1B, H314 (C >= 5) Skin Corr. 1A, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures**4.1. Description of first aid measures**

General advice	: Remove immediately contaminated clothing.
Inhalation	: Take victim to fresh air, in a quiet place and if necessary take medical advice.
Skin contact	: Wash skin with plenty of water and soap.
Eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Get medical advice/attention.
Ingestion	: Rinse mouth out with water. Give 1-2 glasses of water to drink. Immediately consult a doctor/medical service. Do not induce vomiting.

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

Acute effects inhalation	: Respiratory difficulties.
Acute effects skin	: Tingling/irritation of the skin.
Acute effects eyes	: Eye irritation.
Acute effects oral route	: Gastrointestinal complaints. Irritation of the gastric/intestinal mucosa.

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

Treat symptomatically.

SECTION 5: Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media : All extinguishing agents can be used.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: release of harmful/irritant gases/vapours.
Reactivity	: Corrosive to metals: aluminium.

5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

Only qualified personnel equipped with suitable protective equipment may intervene.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not contaminate ground and surface water.

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

Keep only in the original container. Store tightly closed in a dry and cool place.

Material(s) to avoid : Never mix with other materials.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Sodium hydroxide (1310-73-2)**

United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³
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8.2. Exposure controls**Hand protection:**

Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.

Eye protection:

Safety glasses with side-shields (EN 166)

Protective equipment:

Wear suitable protective clothing (EN 14605)

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	: Liquid
Colour	: Yellow.
Odour	: None.
Odour threshold	: No data available
pH	: 11 ± 0.5 (1%)
Melting point/range	: No data available
Freezing point	: No data available
Boiling point/Boiling range	: 100 °C
Flash point	: The product is not flammable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Vapour pressure	: ≈ 20 mbar (20 °C)
Relative vapour density at 20 °C	: No data available
Relative density	: 1,3 g/cm ³ (20°C)
Solubility	: Water: Miscible
Log Pow	: No data available

Autoignition temperature	: No data available
Decomposition temperature	: Under normal conditions of storage and use, hazardous decomposition products should not be produced
Viscosity	: dynamic: 25 - 30 mPa.s (DIN 53018- 23°C)

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Corrosive to metals: aluminium.

10.2. Chemical stability

No decomposition if stored normally.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Light metals. amphoteric metals.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity : Inhalation:dust,mist: Harmful if inhaled.

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LD50 oral rat	> 2000 mg/kg
ATE CLP (dust,mist)	3,750 mg/l/4h

Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)

LD50 oral rat	1780 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 1 mg/l/4h

Skin corrosion/irritation	: Not classified. pH: 11 ± 0.5 (1%)
Serious eye damage/irritation	: Causes serious eye irritation. (Based on available data, the classification criteria are not met) pH: 11 ± 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	: May cause damage to organs (respiratory system) through prolonged or repeated exposure (inhalation).
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)

LC50 fish 1	> 100 mg/l
EC50 Daphnia 1	140 mg/l
EC50 72h algae (1)	> 100 mg/l
ErC50 (algae)	> 100 mg/l
NOEC chronic fish	> 25,7 mg/l (Danio rerio)
NOEC chronic crustacea	> 25 mg/l (Daphnia magna)

Sodium hydroxide (1310-73-2)

LC50 fish 1	55,6 mg/l
EC50 Daphnia 1	40,4 mg/l (Ceriodaphnia)

12.2. Persistence and degradability

Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)

Persistence and degradability : Not readily biodegradable.

12.3. Bioaccumulative potential**Tetrasodium Ethylene Diamine Tetraacetate (64-02-8)**

Bioaccumulative potential : No bioaccumulation.

Sodium hydroxide (1310-73-2)

Bioaccumulative potential : No bioaccumulation.

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

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

European List of Waste (LoW) code : 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

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

ADR	IMDG	IATA
14.1. UN number		
3267	3267	3267
14.2. UN proper shipping name		
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	Corrosive liquid, basic, organic, n.o.s.
Transport document description		
UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Tetrasodium Ethylene Diamine Tetraacetate), 8, III, (E)	UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Tetrasodium Ethylene Diamine Tetraacetate), 8, III	UN 3267 Corrosive liquid, basic, organic, n.o.s. (Tetrasodium Ethylene Diamine Tetraacetate), 8, III
14.3. Transport hazard class(es)		
8	8	8
14.4. Packing group		
III	III	III
14.5. Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No
No supplementary information available		

14.6. Special precautions for user**- Overland transport**

Classification code (ADR) : C7
 Special provisions (ADR) : 274
 Limited quantities (ADR) : 5I
 Excepted quantities (ADR) : E1
 Packing instructions (ADR) : P001, IBC03, LP01, R001
 Mixed packing provisions (ADR) : MP19
 Portable tank and bulk container instructions (ADR) : T7
 Portable tank and bulk container special provisions (ADR) : TP1, TP28
 Tank code (ADR) : L4BN
 Vehicle for tank carriage : AT
 Transport category (ADR) : 3
 Special provisions for carriage - Packages (ADR) : V12

Hazard identification number (Kemler No.) : 80
Tunnel code : E
EAC code : 2X
APP code : B

- Transport by sea

Special provisions (IMDG) : 223, 274
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y841
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 852
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 856
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 8L

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

Detergent Regulation : Labelling of contents:

Component	%
EDTA and salts thereof	>=30%

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H319	Causes serious eye irritation

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H332	Harmful if inhaled
H373	May cause damage to organs through prolonged or repeated exposure

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