

Buffer solution for det	-	nium acetate + 262.5 g glacial ac	ətic
	acid / l a		
Revision date: 22.11.2023	Product code: 2093	)	Page 1 of 11
SECTION 1: Identification of the s	substance/mixture and of the comp	any/undertaking	
1.1. Product identifier			
	n of iron 200 g ammonium acetate + 262	2.5 g glacial acetic acid / l a	
1.2. Relevant identified uses of the s	ubstance or mixture and uses advised	against	
Use of the substance/mixture			
Laboratory chemicals			
	nces as such or in preparations at indus		
Professional uses: Public doma	in (administration, education, entertainn	nent, services, craftsmen)	
Uses advised against			
Do not use for private purposes	(household).		
<b>1.3. Details of the supplier of the safe</b>	ety data sheet		
Company name:	AnalytiChem GmbH		
Street:	Stempelstraße 6		
Place:	D-47167 Duisburg		
Telephone:	0203/5194-0	Telefax: 0203/5194-290	
E-mail:	info@analytichem.de		
Contact person:	Abteilung Produktsicherheit	Telephone: 0203/5194-107/117	
E-mail:	produktsicherheit@analytichem.de		
Internet:	www.analytichem.de		
Responsible Department:	Abteilung Produktsicherheit		
<u>1.4. Emergency telephone</u> number:	For Hazardous Materials [or Dangero Exposure, or Accident Call CHEMTR 1-800-424-9300 Outside USA and Ca accepted)	EC Day or Night Within USA and Canada	a:
Further Information			
This product is a mixture. REA	CH Registration Number see section 3.		

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

### Regulation (EC) No 1272/2008 Skin Irrit. 2; H315 Eye Irrit. 2; H319

Full text of hazard statements: see SECTION 16.

# 2.2. Label elements

**Pictograms:** 

# Regulation (EC) No 1272/2008

Signal word:





# Hazard statements

H315 H319 Causes skin irritation. Causes serious eye irritation.

#### **Precautionary statements** P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing



Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic acid / I a						
Revision date: 22.11.2023	Product code: 20939	Page 2 of 11				
	protection.					
P302+P352	IF ON SKIN: Wash with plenty of water.					
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.					
P337+P313	If eye irritation persists: Get medical advice/attention.					

#### 2.3. Other hazards

No data available

# **SECTION 3: Composition/information on ingredients**

# 3.2. Mixtures

#### Chemical characterization

Mixtures in aqueous solution

#### Relevant ingredients

CAS No	Chemical name					
	EC No	Index No	REACH No			
	Classification (Regulation (EC) No 1272/2008)					
64-19-7	acetic acid					
	200-580-7	607-002-00-6	01-2119475328-30			
	Flam. Liq. 3, Skin Corr. 1A; H226 H314					
631-61-8	ammonium acetate			15 - < 20 %		
	211-162-9					

#### Full text of H and EUH statements: see section 16.

. . . .

Specific Co	nc. Limits, M-fac	tors and ATE		
CAS No	EC No	Chemical name	Quantity	
	Specific Conc.	Limits, M-factors and ATE		
64-19-7	200-580-7	acetic acid	20 - < 25 %	
	inhalation: LC50 = 11,4 mg/l (vapours); oral: LD50 = 3310 mg/kg Skin Corr. 1A; H314: >= 90 - 100 Skin Corr. 1B; H314: >= 25 - < 90 Skin Irrit. 2; H315: >= 10 - < 25 Eye Irrit. 2; H319: >= 10 - < 25			
631-61-8	211-162-9	ammonium acetate	15 - < 20 %	
	dermal: LD50	= > 26556,42 mg/kg; oral: LD50 = >= 2333,28 mg/kg		

# **Further Information**

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

General information No data available

# NU Uala avalla

# After inhalation

Provide fresh air. Call a doctor if you feel unwell.

# After contact with skin

Wash immediately with: Water

Take off immediately all contaminated clothing and wash it before reuse. In case of skin irritation, consult a physician.



# Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic acid / I a

Revision date: 22.11.2023

Product code: 20939

Page 3 of 11

# After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Remove contact lenses, if present and easy to do. Continue rinsing.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Call a physician immediately.

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

Irritant Dyspnoea Gastrointestinal complaints Vomiting Circulatory collapse Corneal opacity.

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

No data available

#### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

#### Unsuitable extinguishing media

no restriction

# 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products In case of fire may be liberated: Carbon dioxide (CO2) Carbon monoxide Acetic acid vapour Nitrogen oxides (NOx)

# 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Avoid contact with skin, eyes and clothes.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Suppress gases/vapours/mists with water spray jet.

#### **SECTION 6:** Accidental release measures

# 6.1. Personal precautions, protective equipment and emergency procedures

# For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment. Avoid contact with skin, eyes and clothes. Remove persons to safety. Emergency procedures Do not breathe dust/fume/gas/mist/vapours/spray.

# For emergency responders

Precautionary statements For emergency responders : Personal protection equipment: see section 8

# 6.2. Environmental precautions

Do not allow to enter into surface water or drains.



Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic acid / I a Revision date: 22.11.2023 Product code: 20939 Page 4 of 11 6.3. Methods and material for containment and cleaning up For containment Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Collect in closed and suitable containers for disposal. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). For cleaning up Clean contaminated articles and floor according to the environmental legislation. Other information Provide adequate ventilation. Do not breathe dust/fume/gas/mist/vapours/spray. Wear breathing apparatus if exposed to vapours/dusts/aerosols. 6.4. Reference to other sections Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13 **SECTION 7: Handling and storage** 7.1. Precautions for safe handling

#### Advice on safe handling

Read label before use. Handle and open container with care. When using do not eat, drink, smoke, sniff. Keep container tightly closed. Use personal protection equipment. Use extractor hood (laboratory). Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

#### Advice on protection against fire and explosion

Usual measures for fire prevention.

#### Advice on general occupational hygiene

Keep away from food, drink and animal feedingstuffs.

#### Further information on handling

Take off immediately all contaminated clothing and wash it before reuse. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. If handled uncovered, arrangements with local exhaust ventilation have to be used.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed.

#### Further information on storage conditions

Keep container dry.

#### 7.3. Specific end use(s)

Laboratory chemicals

# **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### **Occupational exposure limits**

CAS No	Substance	ppm	mg/m³	fib/cm³	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	
		20	50		STEL (15 min)	



# Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic

Revision date: 22.11.2023

acid / I a Product code: 20939

Page 5 of 11

# **DNEL/DMEL** values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
64-19-7	acetic acid			
Worker DNE	L, long-term	inhalation	local	25 mg/m³
Worker DNE	L, acute	inhalation	local	25 mg/m³
Consumer D	NEL, long-term	inhalation	local	25 mg/m <sup>3</sup>
Consumer D	NEL, acute	inhalation	local	25 mg/m <sup>3</sup>
631-61-8	ammonium acetate			
Worker DNE	L, long-term	inhalation	systemic	911,56 mg/m³
Worker DNE	L, acute	inhalation	systemic	5469,35 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	10,34 mg/kg bw/day
Worker DNE	EL, acute	dermal	systemic	62,04 mg/kg bw/day
Consumer D	NEL, long-term	inhalation	systemic	449,56 mg/m <sup>3</sup>
Consumer D	NEL, acute	inhalation	systemic	2674,16 mg/m <sup>3</sup>
Consumer D	NEL, long-term	dermal	systemic	5,17 mg/kg bw/day
Consumer DNEL, acute		dermal	systemic	31,02 mg/kg bw/day
Consumer D	NEL, long-term	oral	systemic	5,17 mg/kg bw/day
Consumer D	NEL, acute	oral	systemic	31,02 mg/kg bw/day

#### **PNEC** values

CAS No	Substance	
Environment	tal compartment	Value
64-19-7	acetic acid	
Freshwater		3,058 mg/l
Freshwater (	(intermittent releases)	30,58 mg/l
Marine wate	r	0,306 mg/l
Freshwater s	sediment	11,36 mg/kg
Marine sediment		1,136 mg/kg
Micro-organisms in sewage treatment plants (STP)		85 mg/l
Soil		0,47 mg/kg
631-61-8	ammonium acetate	
Freshwater		3,08 mg/l
Marine wate	r	0,308 mg/l
Freshwater s	sediment	2,51 mg/kg
Marine sediment		0,251 mg/kg
Micro-organi	isms in sewage treatment plants (STP)	677 mg/l
Soil		0,72 mg/kg

# 8.2. Exposure controls



# Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic acid / I a

Revision date: 22.11.2023

Product code: 20939

Page 6 of 11

# Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

# Individual protection measures, such as personal protective equipment

#### Eye/face protection

goggles Face protection umbrella

#### Hand protection

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: vertrieb@kcl.de With specification (test according to EN374):

#### By long-term hand contact

Trade name/designation: KCL 730 Camatril® Velours Suitable material: NBR (Nitrile rubber) 0,4 mm Wearing time with permanent contact: > 480 min

By short-term hand contact

Trade name/designation: KCL 720 Camapren® Suitable material: CR (polychloroprene, chloroprene rubber) 0,65 mm Wearing time with occasional contact (splashes): > 480 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet<(>,<)> supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

#### Skin protection

Take off immediately all contaminated clothing and wash it before reuse.

Wear fire resistant or flame retardant clothing.

Wash hands and face before breaks and after work and take a shower if necessary.

Draw up and observe skin protection programme.

## **Respiratory protection**

Respiratory protection necessary at: aerosol or mist formation

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

# **SECTION 9: Physical and chemical properties**

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

Physical state: Colour: Odour: Odour threshold:	Liquid colourless stinging No data available	
Melting point/freezing point: Boiling point or initial boiling point and boiling range:		No data available No data available
Flammability: Lower explosion limits: Upper explosion limits: Flash point: Auto-ignition temperature:		No data available No data available No data available No data available No data available



Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic						
Revision date: 22.11.2023	acid / I a Product code: 20939	Page 7 of 11				
	No data available					
Decomposition temperature:						
pH-Value:	No data available					
Viscosity / kinematic:	No data available					
Water solubility:	completely miscible					
Solubility in other solvents						
No data available						
Dissolution rate:	No data available					
Partition coefficient n-octanol/water:	No data available					
Dispersion stability:	No data available					
Vapour pressure:	No data available No data available					
Vapour pressure: Density:	No data available					
Relative density:	No data available					
Bulk density:	No data available					
Relative vapour density:	No data available					
Particle characteristics:	No data available					
9.2. Other information						
Information with regard to physical hazard classe	S					
Explosive properties						
No data available						
Sustaining combustion:	No data available					
Self-ignition temperature Solid:	No doto ovoilabla					
Gas:	No data available No data available					
Oxidizing properties						
No data available						
Other safety characteristics						
Evaporation rate:	No data available					
Solvent separation test:	No data available					
Solvent content: Solid content:	No data available No data available					
Sublimation point:	No data available					
Softening point:	No data available					
Pour point:	No data available					
	No data available					
Viscosity / dynamic:	No data available					
Flow time:	No data available					
Further Information						
No data available						

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

# 10.3. Possibility of hazardous reactions

Oxidising agent

# 10.4. Conditions to avoid No data available



# Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic

acid / I a

Product code: 20939

Page 8 of 11

#### 10.5. Incompatible materials

Revision date: 22.11.2023

No data available

# 10.6. Hazardous decomposition products

SECTION 5: Firefighting measures

#### Further information

No data available

# **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicocinetics, metabolism and distribution

There are no data available on the mixture itself.

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name							
	Exposure route	Dose	Species	Source	Method			
64-19-7	acetic acid							
	oral	LD50 3310 mg/kg	Rat	J Ind Hyg Toxicol, Vol 23, PP 78-82 (194	The sodium salt of acetic acid was admin			
	inhalation (4 h) vapour	LC50 11,4 mg/l	Rat	Study report (1980)	OECD Guideline 403			
631-61-8	ammonium acetate	ammonium acetate						
	oral	LD50 >= 2333,28 mg/kg		Read-across (2010)	Read-across approach from published expe			
	dermal	LD50 > 26556,42 mg/kg		Read-across (2010)	Read-across approach from published expe			

### Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met. Observe risk of aspiration if vomiting occurs.

#### Information on likely routes of exposure

There are no data available on the mixture itself.

#### Specific effects in experiment on an animal

There are no data available on the mixture itself.



Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic acid / I a							
Revision date: 22.11.2023	Pr		ode: 20939		Page 9 of 1 <sup>2</sup>		
Additional information on tests There are no data available on	the mixture itself.						
Practical experience There are no data available on	the mixture itself.						
11.2. Information on other hazards							
Other information Irritant Dyspnoea Gastrointestinal complaints Vomiting Circulatory collapse Corneal opacity. Risk of serious damage to eyes Further information kidneys							
<b>12.1. Toxicity</b> Based on available data, the cl	assification criteria are	e not me	t.				
CAS No Chemical name							
Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method		
64-19-7 acetic acid							
Acute fish toxicity	LC50 > 1000 mg/l	96 h	Oncorhynchus mykiss	Study report (2005)	other: SOP E257		
				(====)			

	Acute crustacea toxicity	EC50 mg/l	> 1000	48 h	Daphnia magna	Study report (1990)	OECD Guideline 202
631-61-8	ammonium acetate			_			
	Acute algae toxicity	ErC50 mg/l	> 1000	. –	Skeletonema costatum	Study report (2005)	ISO 10253
	Acute crustacea toxicity	EC50 mg/l	> 360,89	48 h		Read-across (2010)	Read-across approach from Letter of Acce
	Fish toxicity	NOEC	154 mg/l	60 d	Cyprinus carpio	Publication (1999)	OECD Guideline 204

# 12.2. Persistence and degradability

There are no data available on the mixture itself.

# 12.3. Bioaccumulative potential

There are no data available on the mixture itself.

# Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-19-7	acetic acid	-0,17
631-61-8	ammonium acetate	-2,79



# Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic acid / I a

Revision date: 22.11.2023

Product code: 20939

Page 10 of 11

BCF					
CAS No	Chemical name	BCF	Species	Source	
64-19-7	acetic acid	3,16	fish	Environ. Toxicol. Ch	
631-61-8	ammonium acetate	3,162		Calculation (2010)	

#### 12.4. Mobility in soil

There are no data available on the mixture itself.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

# 12.7. Other adverse effects

Do not allow to enter into surface water or drains.

#### **Further information**

Avoid release to the environment.

#### **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

#### **Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Send to a physico-chemical treatment facility under observation of official regulations. Do not empty into drains.

#### Contaminated packaging

Handle contaminated packages in the same way as the substance itself. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

No dangerous good in sense of this transport regulation.

No dangerous good in sense of this transport regulation.

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No dangerous good in sense of this transport regulation.

# **SECTION 14: Transport information**

#### Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u> <u>14.2. UN proper shipping name:</u> <u>14.3. Transport hazard class(es):</u> <u>14.4. Packing group:</u>

Inland waterways transport (ADN) 14.1. UN number or ID number:

14.2. UN proper shipping name: 14.3. Transport hazard class(es):

14.4. Packing group:

#### Marine transport (IMDG)

14.1. UN number or ID number:14.2. UN proper shipping name:14.3. Transport hazard class(es):14.4. Packing group:

Air transport (ICAO-TI/IATA-DGR) <u>14.1. UN number or ID number:</u> <u>14.2. UN proper shipping name:</u> <u>14.3. Transport hazard class(es):</u> <u>14.4. Packing group:</u>



14.5. Environmental hazards   ENVIRONMENTALLY HAZARDOUS: No   14.6. Special precautions for user No dangerous good in sense of this transport regulation.   14.7. Maritime transport in bulk according to IMO instruments No dangerous good in sense of this transport regulation.   14.7. Maritime transport in bulk according to IMO instruments No dangerous good in sense of this transport regulation.   14.7. Maritime transport in bulk according to IMO instruments No dangerous good in sense of this transport regulation.   SECTION 15: Regulatory information SECTION 15: Regulatory information specific for the substance or mixture   EU regulatory information Restrictions on use (REACH, annex XVII): Entry 3, Entry 40   Information according to Directive Not subject to 2012/18/EU (SEVESO III)   2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)   2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)   National regulatory information Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	Buffer solution for determination of iron 200 g ammonium acetate + 262.5 g glacial acetic acid / I a						
ENVIRONMENTALLY HAZARDOUS: No   14.6. Special precautions for user No dangerous good in sense of this transport regulation. 14.7. Maritime transport in bulk according to IMO instruments No dangerous good in sense of this transport regulation.   14.7. Maritime transport in bulk according to IMO instruments No dangerous good in sense of this transport regulation. 14.7. Maritime transport in bulk according to IMO instruments No dangerous good in sense of this transport regulation.   SECTION 15: Regulatory information 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture   EU regulatory information Restrictions on use (REACH, annex XVII): Entry 3, Entry 40 Information according to Directive 2012/18/EU (SEVESO III)   2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III) 2012/18/EU (SEVESO III):   National regulatory information Employment restrictions:   Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	Revision date: 22.11.2023	Product code: 20939	Page 11 of 11				
14.6. Special precautions for user   No dangerous good in sense of this transport regulation.   14.7. Maritime transport in bulk according to IMO instruments   No dangerous good in sense of this transport regulation.   SECTION 15: Regulatory information   SECTION 15: Regulatory information   Ist. Safety, health and environmental regulations/legislation specific for the substance or mixture   EU regulatory information   Restrictions on use (REACH, annex XVII):   Entry 3, Entry 40   Information according to Directive   2012/18/EU (SEVESO III):   National regulatory information   Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	14.5. Environmental hazards						
No dangerous good in sense of this transport regulation.   14.7. Maritime transport in bulk according to IMO instruments No dangerous good in sense of this transport regulation.   SECTION 15: Regulatory information   15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture   EU regulatory information   Restrictions on use (REACH, annex XVII): Entry 3, Entry 40   Information according to Directive 2012/18/EU (SEVESO III):   Not subject to 2012/18/EU (SEVESO III)   National regulatory information   Employment restrictions:   Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	ENVIRONMENTALLY HAZARDOUS:	No					
No dangerous good in sense of this transport regulation.   SECTION 15: Regulatory information   15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture   EU regulatory information   Restrictions on use (REACH, annex XVII): Entry 3, Entry 40   Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)   National regulatory information   Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).							
SECTION 15: Regulatory information   Ist and environmental regulations/legislation specific for the substance or mixture   EU regulatory information   Restrictions on use (REACH, annex XVII): Entry 3, Entry 40   Information according to Directive 2012/18/EU (SEVESO III) Not subject to 2012/18/EU (SEVESO III)   2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)   Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	14.7. Maritime transport in bulk according to	IMO instruments					
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture   EU regulatory information   Restrictions on use (REACH, annex XVII): Entry 3, Entry 40   Information according to Directive Not subject to 2012/18/EU (SEVESO III)   2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)   National regulatory information   Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	No dangerous good in sense of this tra	nsport regulation.					
EU regulatory information   Restrictions on use (REACH, annex XVII):   Entry 3, Entry 40   Information according to Directive   2012/18/EU (SEVESO III):   Not subject to 2012/18/EU (SEVESO III)   National regulatory information   Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	SECTION 15: Regulatory information						
Restrictions on use (REACH, annex XVII): Entry 3, Entry 40   Information according to Directive Not subject to 2012/18/EU (SEVESO III)   2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)   National regulatory information Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture						
Entry 3, Entry 40 Information according to Directive 2012/18/EU (SEVESO III)   Not subject to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)   National regulatory information Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	EU regulatory information						
2012/18/EU (SEVESO III):   National regulatory information   Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).							
Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).	6	Not subject to 2012/18/EU (SEVESO III)					
work protection guideline' (94/33/EC).	National regulatory information						
Water bazard alass (D):	Employment restrictions:		juvenile				
	Water hazard class (D):	1 - slightly hazardous to water					

# **SECTION 16: Other information**

#### Changes

This data sheet contains changes from the previous version in section(s): 12.

#### Abbreviations and acronyms

Flam. Liq: Flammable liquid Skin Corr: Skin corrosion Skin Irrit: Skin irritation Eye Irrit: Eye irritation

#### Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method

#### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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