

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

1.1. Product identifier

Product form : Mixture
 Trade name : Ace TBC Acidic
 Product code : PA00196297 / 97439977
 Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
 Main use category : Consumer use
 Function or use category : Washing and cleaning products (including solvent based products)

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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Fater S.p.a. Via Alessandro Volta, 10 Pescara cap 65129.
 Fater Central Europe: Calea Floresca 175, Cladirea Floresca Tower at 3b sector 1 – BUCARESTI CP 014459 ROMANIA

SE

Marko Bečanović, 206 Marsala Tita Street, P.O. Box 530, 11272, Dobanovci, Belgrade, Serbia, 00 381 648319 85

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consumerservice.rs@ace.info

MNT

VASO CVIJOVIĆ, Cetinjski put bb, 81000 Podgorica, Crna Gora

800190320 SERBIAN NUMBER

consumerservice.me@ace.info

1.4. Emergency telephone number

Emergency number : SE +381 (0) 11 3608 440

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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

Skin Corr. 1B H314

Eye Dam. 1 H318

STOT SE 3 H335

Aquatic Chronic 3 H412

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) :



Signal word (CLP) : Danger

Hazard statements (CLP) : H290 - May be corrosive to metals
 H314 - Causes severe skin burns and eye damage
 H335 - May cause respiratory irritation

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- Precautionary statements (CLP) : H412 - Harmful to aquatic life with long lasting effects
- : P102 - Keep out of reach of children
P405 - Store locked up
P271 - Use only outdoors or in a well-ventilated area
P234 - Keep only in original container
P390 - Absorb spillage to prevent material damage
P280 - Wear protective gloves, protective clothing, eye protection, face protection
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P363 - Wash contaminated clothing before reuse
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P310 - Immediately call a POISON CENTER/doctor
P101 - If medical advice is needed, have product container or label at hand
P501 - Dispose of contents/container to an appropriate local waste system

Do not mix with hypochlorite or other cleaning products based on chlorite as dangerous gases may be formed

2.3. Other hazards

Other hazards not contributing to the classification : No presence of PBT and vPvB ingredients.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrochloric Acid	(CAS No) 7647-01-0 (EC no) 231-595-7 (REACH-no) 01-2119484862-27	10 - 20	Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335
PEG-2 OLEAMINE	(CAS No) 25307-17-9 (EC no) 246-807-3	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410
Benzalkonium Chloride	(CAS No) 61789-71-7 (EC no) 270-325-2,263-080-8,287-089-1,269-919-4	< 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an eye specialist. Immediately call a POISON CENTER or doctor/physician.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

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

- Symptoms/injuries after inhalation : Coughing. sneezing. Headache. Drowsiness. Dizziness. Shortness of breath.
- Symptoms/injuries after skin contact : Redness. Swelling. dryness. Itching.
- Symptoms/injuries after eye contact : Severe pain. Rednesses. Swelling. Blurred vision.
- Symptoms/injuries after ingestion : Oral mucosal or gastro-intestinal irritation. Nausea. Vomiting. Excessive secretion. Diarrhea.

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

Refer to section 4.1.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO2). Water.

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5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard. Non combustible.
Explosion hazard : Product is not explosive.
Reactivity : Stable under normal conditions.

5.3. Advice for firefighters

Firefighting instructions : Do not allow run-off from fire fighting to enter drains or water courses. Move undamaged containers from immediate hazard area if it can be done safely.
Protection during firefighting : Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear personal protective equipment. Wear respiratory protection. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Refer to section 8.

6.1.2. For emergency responders

Protective equipment : Wear personal protective equipment. Wear respiratory protection. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Refer to section 8.

6.2. Environmental precautions

Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

Refer to Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid inhalation of vapour and spray mist. Use only in well ventilated areas. Do not eat, drink or smoke when using this product. Do not re-use empty containers without proper cleaning or reconditioning. Refer to section 8.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from food, drink and animal feeding stuffs.
Incompatible products : Refer to section 10.
Incompatible materials : Refer to section 10.
Storage area : Store in a well-ventilated place.

7.3. Specific end use(s)

Refer to section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National limit values

Hydrochloric Acid (7647-01-0)		
EU	IOELV TWA (mg/m ³)	8 mg/m ³
EU	IOELV TWA (ppm)	5 ppm
EU	IOELV STEL (mg/m ³)	15 mg/m ³
EU	IOELV STEL (ppm)	10 ppm

8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Hydrochloric Acid (7647-01-0)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	15 mg/m ³
Long-term - local effects, inhalation	8 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0.036 mg/l
PNEC aqua (marine water)	0.036 mg/l
PNEC aqua (intermittent, freshwater)	0.045 mg/l

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Hydrochloric Acid (7647-01-0)	
PNEC (STP)	
PNEC sewage treatment plant	0.036 mg/l

8.2. Exposure controls

- 8.2.1. Appropriate engineering controls : No additional information available
- 8.2.2. Personal protective equipment
- Hand protection : Wear suitable gloves.
 - Eye protection : Wear eye/face protection. Safety glasses.
 - Skin and body protection : Not applicable.
 - Respiratory protection : In case of inadequate ventilation wear respiratory protection. Wear respiratory protection.
- 8.2.3. Environmental exposure controls
- Prevent that the undiluted product reaches surface waters.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value	Unit	Test method/Notes
Appearance	Liquid.		
Physical state	Liquid		
Colour	Green.		
Odour	pleasant (perfume).		
Odour threshold		ppm	Perceived odor at typical use conditions
pH	0.5		
Melting point		°C	Not available. This property is not relevant for the safety and classification of this product
Freezing point			Not available. This property is not relevant for the safety and classification of this product
Boiling point	105 - 110	°C	
Flash point	No data available		
Relative evaporation rate (butylacetate=1)			Not available. This property is not relevant for the safety and classification of this product
Flammability (solid, gas)			Not applicable. This property is not relevant for liquid product forms
Explosive limits			Not available. This property is not relevant for the safety and classification of this product
Vapour pressure			Not available. This property is not relevant for the safety and classification of this product
Relative density	1.06		
Solubility	Soluble in water.		
Log Pow			Not applicable. This property is not relevant for mixtures
Auto-ignition temperature			Not available. This property is not relevant for the safety and classification of this product
Decomposition temperature		°C	Not available. This property is not relevant for the safety and classification of this product
Viscosity	100 - 200	cP	
Explosive properties	Not applicable. This product is not classified as explosive as it does not contain any substances which possesses explosive properties CLP (Art 14 (2)).		

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Property	Value	Unit	Test method/Notes
Oxidising properties	Not applicable. This product is not classified as oxidizing as it does not contain any substances which possesses oxidizing properties CLP (Art 14 (2)).		

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

Not applicable.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1. Mixture

Ace TBC Acidic	
Acute toxicity	Not classified (*)
Skin corrosion/irritation	Causes severe skin burns and eye damage.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitisation	Not classified (*)
Germ cell mutagenicity	Not classified (*)
Carcinogenicity	Not classified (*)
Reproductive toxicity	Not classified (*)
Specific target organ toxicity (single exposure)	May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	Not classified (*)
Aspiration hazard	Not classified (*)

(*) Based upon available data of the substances and/or the product, product classification criteria are not met. See Section 2 and Section 16 for applicable hazard classification and classification procedure, respectively.

11.1.2. Substances in the mixture

based upon available data of the substances, classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hydrochloric Acid (7647-01-0)	
LC50 fishes 1	3.25 mg/l <i>Lepomis macrochirus</i> ; 96 h

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Hydrochloric Acid (7647-01-0)	
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Ace TBC Acidic	
Results of PBT assessment	No presence of PBT and vPvB ingredients

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Component	
Hydrochloric Acid (7647-01-0)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- 13.1.1. Regional legislation (waste) : Disposal must be done according to official regulations.
- 13.1.2. Disposal recommendations : The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. The waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. For handling waste, see measures described in section 7. Empty, uncleaned packaging need the same disposal considerations as filled packaging.
- 13.1.3. EURAL Waste code product : 20 01 29* - detergents containing dangerous substances
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number

UN-No : 3264
UN-No. (ICAO) : 1760

14.2. UN proper shipping name

Proper Shipping Name : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Proper Shipping Name (IATA) : Corrosive liquid, acidic, inorganic, n.o.s.
Transport document description (ADR) : UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrochloric Acid), 8, II, (E)

14.3. Transport hazard class(es)

Class (UN) : 8
Class (ICAO) : 8 - Corrosive substances
Danger labels (UN) : 8



Hazard labels (IATA) : 8



14.4. Packing group

Packing group (UN) : II
Packing group (IATA) : II

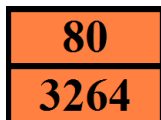
14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Transport regulations (ADR) : Subject to the provisions
Transport regulations (RID) : Subject to the provisions
Hazard identification number (Kemler No.) : 80
Classification code (UN) : C1
Orange plates :



Special provisions (ADR) : 274
Transport category (ADR) : 2

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Tunnel restriction code : E
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2

14.6.2. Transport by sea

Transport regulations (IMDG) : Subject to the provisions

14.6.3. Air transport

Transport regulations (IATA) : Subject to the provisions
CAO packing instructions (IATA) : 855
CAO max net quantity (IATA) : 30L
PCA packing instructions (IATA) : 851
PCA Limited quantities (IATA) : Y840
PCA limited quantity max net quantity (IATA) : 0.5L
PCA max net quantity (IATA) : 1L
PCA Excepted quantities (IATA) : E2
Special provisions (IATA) : A3
ERG code (IATA) : 8L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

CESIO recommendations : 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.

Other information, restriction and prohibition regulations : Classification according to Regulation (EC) No. 1272/2008 [CLP]. Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. Regulation (EC) No. 648/2004 of 31 March 2004 on detergents. Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

16.1. Indication of changes

16.2. Abbreviations and acronyms

LC50: Lethal Concentration to 50 % of a test population. LD50: Lethal Dose to 50% of a test population (Median Lethal Dose). PBT: Persistent, Bioaccumulative and Toxic substance. PNEC(s): Predicted No Effect Concentration(s). vPvB: Very Persistent and Very Bioaccumulative. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. DNEL: Derived-No Effect Level. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ATE: Acute Toxicity Estimate.

16.3. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]	classification procedure
Met. Corr. 1	On basis of test data
Skin Corr. 1B	On basis of test data (pH)
Eye Dam. 1	Calculation method
STOT SE 3	Calculation method
Aquatic Chronic 3	Calculation method

16.4. Relevant R-phrases and/or H-statements (number and full text) for mixture and substances

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
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Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage.
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects.

16.5. Training advice

Normal use of this product shall imply use in accordance with the instructions on the packaging.

16.6. Further information

Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V

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