

# COMET Bathroom spray

## Safety Data Sheet

according to Regulation (EU) 2015/830

Date of issue: 18/10/2017

Revision date:

Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : COMET Bathroom spray  
Product code : PA00193240 / 97130397  
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 uses: Private households (= general public = consumers)  
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

Fater Legal Entity - "Fater E.E.", LLC  
Limited liability company "Fater Eastern Europe" 5, building 1, Viktorenko Street, Moscow, 125167, Russian Federation

#### 1.4. Emergency telephone number

Emergency number RUSSIA : +7 (8) 495 2041899

### SECTION 2: Hazards identification

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

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

Skin Irrit. 2 H315

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) :



Signal word (CLP) :

Warning

Hazard statements (CLP) :

H319 - Causes serious eye irritation.  
H315 - Causes skin irritation.

Precautionary statements (CLP) :

P102 - Keep out of reach of children.  
P101 - If medical advice is needed, have product container or label at hand.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 - IF ON SKIN: Wash with plenty of Water.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor  
P260 - Do not breathe spray  
Do not mix with bleach or other cleaning products.

#### 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. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Phosphoric Acid	(CAS No) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6	5 - 10	Met. Corr. 1, H290 Skin Corr. 1B, H314
Deceth-n	(CAS No) 26183-52-8 (EC-No.) Polymer	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Formic Acid	(CAS No) 64-18-6 (EC-No.) 200-579-1 (EC Index-No.) 607-001-00-0	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1A, H314
Lactic Acid	(CAS No) 79-33-4 (EC-No.) 201-196-2	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318

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. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. Discontinue use of product.
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 call a POISON CENTER/doctor.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after inhalation	: Coughing. sneezing. Headache. Drowsiness. Dizziness. Shortness of breath.
Symptoms/effects after skin contact	: Redness. Swelling. dryness. Itching.
Symptoms/effects after eye contact	: Severe pain. Rednesses. Swelling. Blurred vision.
Symptoms/effects 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 : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>).

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

Fire hazard	: No fire hazard. Non combustible.
Explosion hazard	: Product is not explosive.
Reactivity	: No dangerous reactions known.

### 5.3. Advice for firefighters

Firefighting instructions	: No specific firefighting instructions required.
Protection during firefighting	: In case of inadequate ventilation wear respiratory protection.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear suitable gloves and eye/face protection.

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable gloves and eye/face protection.

### 6.2. Environmental precautions

Consumer products ending up down the drain after use. Prevent soil and water pollution. Prevent spreading in sewers.

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

For containment	: Scoop absorbed substance into closing containers.
Methods for cleaning up	: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Large spills: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

### 6.4. Reference to other sections

Refer to Sections 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Avoid contact with skin. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.

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

Storage conditions : Store in original container. Refer to section 10.  
Incompatible products : Refer to section 10.  
Incompatible materials : Refer to section 10.  
Information on mixed storage : Not applicable.  
Storage area : Store in a cool area. Store in a dry area.

#### 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

Phosphoric Acid (7664-38-2)		
EU	IOELV TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
EU	IOELV STEL (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>

##### 8.1.2. Monitoring procedures: DNELS, PNECS, OEL

Lactic Acid (79-33-4)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	592 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Acute - systemic effects, oral	35.4 mg/kg bodyweight
Acute - local effects, inhalation	296 mg/m <sup>3</sup>
PNEC (Water)	
PNEC aqua (freshwater)	1.3 mg/l
PNEC (STP)	
PNEC sewage treatment plant	10 mg/l
Formic Acid (64-18-6)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	19 mg/m <sup>3</sup>
Long-term - local effects, inhalation	9.5 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Acute - local effects, inhalation	9.5 mg/m <sup>3</sup>
Long-term - local effects, inhalation	3 mg/m <sup>3</sup>
PNEC (Water)	
PNEC aqua (freshwater)	2 mg/l
PNEC aqua (marine water)	0.2 mg/l
PNEC aqua (intermittent, freshwater)	1 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	13.4 mg/kg dwt
PNEC sediment (marine water)	1.34 mg/kg dwt
PNEC (Soil)	
PNEC soil	1.5 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	7.2 mg/l
Phosphoric Acid (7664-38-2)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	2.92 mg/m <sup>3</sup>
DNEL/DMEL (General population)	
Long-term - local effects, inhalation	0.73 mg/m <sup>3</sup>

#### 8.2. Exposure controls

8.2.1. Appropriate engineering controls : No additional information available

8.2.2. Personal protective equipment

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Protective personal equipment only required in case of professional use or for large packs (not for household packs). For consumer use please follow recommendation as indicated on the label of the product.

Hand protection	:	Wear suitable gloves.
Eye protection	:	Wear eye/face protection.
Skin and body protection	:	Wear suitable gloves.
Respiratory protection	:	Not applicable.
Thermal hazard protection	:	Not applicable.

### 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	Blue.		
Odour	Perfumed.		
Odour threshold		ppm	Perceived odor at typical use conditions
pH	1.1		OECD 122
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	101 - 108	°C	TMR. A.2.
Flash point			No flash point till boiling - TMR. A.9.
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		g/m <sup>3</sup>	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	1.043		TMR.A.3
Solubility	Soluble in water. TMR. A.6.		
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	108	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)).		
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

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known.

#### 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

Not required for normal conditions of use.

#### 10.5. Incompatible materials

Not applicable.

#### 10.6. Hazardous decomposition products

None under normal use.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### 11.1.1. Mixtures

COMET Bathroom spray	
Acute toxicity	Not classified (*)
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye irritation.
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 (*)
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

Acute toxicity:

Lactic Acid (79-33-4)	
LD50 oral rat	3543 mg/kg EPA OPP 81-1
LD50 dermal rabbit	> 2000 mg/kg EPA OPP 81-2
LC50 inhalation rat (mg/l)	> 7.94 mg/l/4h OECD 403
Deceth-n (26183-52-8)	
LD50 oral rat	>300-2000 mg/kg bw
Phosphoric Acid (7664-38-2)	
LD50 oral rat	2600 mg/kg bw (//OECD 423)

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No known adverse effects on the functioning of water treatment plants under normal use conditions as recommended. The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Lactic Acid (79-33-4)	
LC50 fishes 1	130 mg/l Oncorhynchus mykiss
EC50 Daphnia 1	130 mg/l OECD 202; Daphnia magna
EC50 other aquatic organisms 1	> 100 mg/l OECD 209
ErC50 (algae)	> 2800 mg/l OECD 201; Pseudokirchnerella subcapitata
NOEC chronic algae	1900 mg/l OECD 201; Pseudokirchnerella subcapitata
Formic Acid (64-18-6)	
LC50 fishes 1	46.7 (46 - 100) mg/l Leuciscus idus melanotus
LC50 other aquatic organisms 1	46.7 mg/l Pseudomonas putida
EC50 Daphnia 1	120 mg/l Daphnia magna
ErC50 (algae)	26.9 mg/l Desmodesmus subspicatus

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<b>Formic Acid (64-18-6)</b>	
NOEC chronic crustacea	72 mg/l
NOEC chronic algae	76.8 mg/l OECD 201; Pseudokirchnerella subcapitata
<b>Deceth-n (26183-52-8)</b>	
LC50 fishes 1	10 mg/l
EC50 Daphnia 1	10 mg/l
EC50 other aquatic organisms 1	140 mg/l
ErC50 (algae)	10 mg/l
<b>Phosphoric Acid (7664-38-2)</b>	
EC50 Daphnia 1	> 100 mg/l OECD 202; Daphnia magna; 48 h
ErC50 (algae)	> 100 mg/l OECD 201; Desmodesmus subspicatus; 72 h
NOEC chronic algae	100 mg/l OECD 201; Desmodesmus subspicatus; 3 d

### 12.2. Persistence and degradability

<b>Lactic Acid (79-33-4)</b>	
BOD (% of ThOD)	67 % ThOD
<b>Formic Acid (64-18-6)</b>	
Biodegradation	100 % OECD 301 C
<b>Deceth-n (26183-52-8)</b>	
Persistence and degradability	The substance is biodegradable. Unlikely to persist.
Biodegradation	> 60 %

### 12.3. Bioaccumulative potential

<b>Lactic Acid (79-33-4)</b>	
Bioconcentration factor (BCF REACH)	-0.65
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
<b>Formic Acid (64-18-6)</b>	
Bioaccumulative potential	Not expected to bioaccumulate due to the low log Kow (log Kow < 4).
<b>Phosphoric Acid (7664-38-2)</b>	
Bioaccumulative potential	Not measured.

### 12.4. Mobility in soil

<b>Lactic Acid (79-33-4)</b>	
Mobility in soil	< 20.9
<b>Formic Acid (64-18-6)</b>	
Log Koc	< 17.8 OECD 121
<b>Deceth-n (26183-52-8)</b>	
Mobility in soil	2000 (≥ 5000)

### 12.5. Results of PBT and vPvB assessment

<b>COMET Bathroom spray</b>	
Results of PBT assessment	No presence of PBT and vPvB ingredients
<b>Component</b>	
Lactic Acid (79-33-4)	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
Formic Acid (64-18-6)	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
Phosphoric Acid (7664-38-2)	PBT: not relevant – no registration required vPvB: not relevant – no registration required

### 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.

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- 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 EURL 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

Not applicable

#### 14.2. UN proper shipping name

Not applicable

#### 14.3. Transport hazard class(es)

Not applicable

#### 14.4. Packing group

Not applicable

#### 14.5. Environmental hazards

Not applicable

#### 14.6. Special precautions for user

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

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]. Regulation (EC) No. 648/2004 of 31 March 2004 on detergents. Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

##### 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

Indication of changes : Not applicable

#### 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. DNEL: Derived-No Effect Level. OEL: Occupational Exposure Limit. AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. 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
Skin Irrit. 2	Expert judgment Weight of evidence

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Classification according to Regulation (EC) No. 1272/2008 [CLP]	classification procedure
Eye Irrit. 2	Expert judgment Weight of evidence

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

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
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
Flam. Liq. 3	Flammable liquids, Category 3
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.

### 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

SDS CLP

*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*