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Version: 7.8  
Effective date: 27/10/2020  
Previous Date: 27/08/2019

## SAFETY DATA SHEET

# FOAMTROL AF4039 (FoamSolv AF 39)

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

#### 1.1. Product identifier

Trade name or designation of the mixture      FOAMTROL AF4039 (FoamSolv AF 39)

Version number      7.8

Revision date      27/10/2020

Supersedes date      27/08/2019

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

Identified uses      Antifoam for waste water

Uses advised against      None known.

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

JV Process and Water Chemicals LLC

Address: Street V. Kadirov 10, Chirchik city,  
Tashkent Region, Republic of Uzbekistan, 111727

Tel: +99871 209 10 40

Email address: info@pwch.uz

www.pwch.uz

#### 1.4. Emergency telephone number

Multilingual emergency number (24/7)

Street V. Kadirov 10, Chirchik city,  
Tashkent Region,  
Republic of Uzbekistan, 111727

Tel: +99871 209 10 40

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### 2.2. Label elements

##### Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms      None.

Signal word      None.

Hazard statements      The product does not need to be labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended.

##### Precautionary statements

Prevention      Not available.

Response      Not available.

Storage      Not available.



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<b>Disposal</b>	Not available.
<b>Supplemental label information</b>	EUH210 - Safety data sheet available on request.
<b>2.3. Other hazards</b>	None known.

### SECTION 3: Composition/information on ingredients

#### Mixtures

**Chemical description**                      Combination of modified fatty alcohols and special alcohols

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Alcohols, C16-18, Ethoxylated Propoxylated	20 - < 30	68002-96-0	-	-	
<b>Classification:</b>	Aquatic Chronic 4;H413				

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move to fresh air.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water.
<b>Eye contact</b>	Immediately flush eye(s) with plenty of water.
<b>Ingestion</b>	Rinse mouth.

**4.2. Most important symptoms and effects, both acute and delayed**                      Not applicable.

**4.3. Indication of any immediate medical attention and special treatment needed**                      Not available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**                      Carbon dioxide (CO2).  
Foam.  
Water spray.

**Unsuitable extinguishing media**                      Not available.

**5.2. Special hazards arising from the substance or mixture**                      Oxides of carbon evolved in fire.

#### 5.3. Advice for firefighters

**Special protective equipment for firefighters**                      Self contained breathing apparatus. (CEN : EN 137)  
Protective clothing (CEN : EN 469)  
Protective gloves (CEN : EN 659)  
Helmet (CEN : EN 443)

**Special fire fighting procedures**                      Use standard firefighting procedures and consider the hazards of other involved materials.  
Prevent spillage and fire-fighting water from entering in public sewers or the immediate environment.

### SECTION 6: Accidental release measures

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

**For non-emergency personnel**                      Wear protective clothing, gloves and safety goggles.

**For emergency responders**                      Use personal protection recommended in Section 8 of the SDS.

**6.2. Environmental precautions**                      Prevent from entering sewers or the immediate environment.  
Accidental release of large quantities into the aquatic environment may harm aquatic organisms.

**6.3. Methods and material for containment and cleaning up**                      Absorb onto inert material and dispose of according to Controlled Waste Regulations.  
Remove small spills with plenty of water.



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6.4. Reference to other sections Please refer also to section no. 8 'Exposure controls' for further information.

### SECTION 7: Handling and storage

7.1. Precautions for safe handling Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities Keep container tightly closed.  
Store in cool, well ventilated area.

7.3. Specific end use(s) Only for professional and industrial users

Shelf life 275 Days

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Occupational exposure limits No exposure limits noted for ingredient(s).

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Not available.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

#### 8.2. Exposure controls

Appropriate engineering controls Ensure good ventilation.

#### Individual protection measures, such as personal protective equipment

Eye/face protection Safety goggles.  
CEN : EN 166

#### Skin protection

- Hand protection Protective gloves (Plastic, impervious) (Protection against unintentional short-term contact)  
Butyl gloves (Protection against unintentional short-term contact)  
Neoprene gloves (Protection against unintentional short-term contact)  
Nitrile gloves (Protection against unintentional short-term contact)  
Viton gloves (Protection against unintentional short-term contact)  
Coating thickness: 0.5 mm  
Penetration time: > 480 min  
CEN : EN 420

- Other Protective clothing if splashing or repeated contact with product is likely.  
CEN : EN ISO 13688

Respiratory protection In case of insufficient ventilation, use a breathing mask with filter type: P2  
CEN : EN 140; EN 143; EN 149

Thermal hazards Not available.

Environmental exposure controls Prevent from entering in public sewers or the immediate environment.

### SECTION 9: Physical and chemical properties

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

##### Appearance

Colour Yellow

Physical state Liquid

Odour Slight

Odour threshold Not available.

pH (concentrated product) Not available.

pH in aqueous solution 6 (5% Emulsion)



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Melting point/freezing point	< -24 °C
Initial boiling point and boiling range	Not available.
Flash point	> 100 °C P-M(CC)
Evaporation rate	Slower than Ether
Flammability (solid, gas)	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapour pressure	< 1 mmHg
Vapour pressure temp.	21 °C
Vapour density	> 1 (Air = 1)
Relative density	0,9
Relative density temperature	21 °C
<b>Solubility</b>	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	1,9
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	100 mPa.s
Viscosity temperature	25 °C
Explosive properties	Not available.
Oxidising properties	Not available.
<b>9.2. Other information</b>	
Shelf life	275 Days

### SECTION 10: Stability and reactivity

10.1. Reactivity	Not available.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	Not applicable.
10.4. Conditions to avoid	No special requirement.
10.5. Incompatible materials	None known.
10.6. Hazardous decomposition products	Oxides of carbon evolved in fire.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Product	Test Results
FOAMTROL AF4039 (FoamSolv AF 39) (Mixture)	Acute Dermal LD50 Rabbit: > 2000 mg/kg (Calculated according to GHS additivity formula) Acute Oral LD50 Rat: > 2000 mg/kg (Calculated according to GHS additivity formula)
Components	Test Results
Alcohols, C16-18, Ethoxylated Propoxylated (68002-96-0)	Acute Oral LD50 Rat: 2000 mg/kg
<b>Acute toxicity</b>	Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.



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<b>Serious eye damage/irritation</b>	May be irritating to eyes.
<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.

### Information on likely routes of exposure

<b>Ingestion</b>	May cause irritation of the gastrointestinal tract.
<b>Inhalation</b>	Prolonged or excessive inhalation may cause respiratory tract irritation.
<b>Skin contact</b>	May be irritating to the skin.
<b>Eye contact</b>	May be irritating to eyes.
<b>Symptoms</b>	Not available.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Mixture versus substance information</b>	None known.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product	Species		Test Results
FOAMTROL AF4039 (FoamSolv AF 39) (CAS Mixture)			
<b>Aquatic</b>			
Crustacea	LC50	Daphnia magna	535 mg/l, Static Renewal Bioassay, 48 hour
	NOEL	Daphnia magna	250 mg/l, Static Renewal Bioassay, 48 hour
Fish	LC50	Fathead minnow	240 mg/l, Static Renewal Bioassay, 96 hour
	NOEL	Fathead minnow	31,3 mg/l, Static Renewal Bioassay, 96 hour

### 12.2. Persistence and degradability

	Testing has shown product not to be readily biodegradable.
- COD (mgO <sub>2</sub> /g)	2320
- BOD 5 (mgO <sub>2</sub> /g)	72
- BOD 28 (mgO <sub>2</sub> /g)	663
- Closed Bottle Test (% Degradation in 28 days)	29
- TOC (mg C/g)	740

### 12.3. Bioaccumulative potential

<b>Partition coefficient n-octanol/water (log K<sub>ow</sub>)</b>	
FOAMTROL AF4039 (FoamSolv AF 39)	1,9

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** Not available.



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**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** None.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Contaminated packaging** According to Controlled Waste Regulations.

EWC ( European Waste Code ) recommendation : 15 01 02; 15 01 04  
15 Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified.  
15 01 Packaging (including separately collected municipal packaging waste).  
15 01 02 Plastic packaging.  
15 01 04 Metallic packaging.  
Depending on the origin and state of the waste, other EWC numbers may be applicable too.

**Disposal methods/information** According to Controlled Waste Regulations.

EWC ( European Waste Code ) recommendation : 16 03 06  
16 Wastes not otherwise specified in the list.  
16 03 Off-specification batches and unused products.  
16 03 06 Organic wastes  
Depending on the origin and state of the waste, other EWC numbers may be applicable too.

### SECTION 14: Transport information

#### ADR

Not regulated as dangerous goods.

#### RID

Not regulated as dangerous goods.

#### ADN

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

### SECTION 15: Regulatory information

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

##### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

##### Authorisations



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Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

### Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

### Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

### National regulations

Not available.

### 15.2. Chemical safety assessment

Not available.

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
 A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## SECTION 16: Other information

### List of abbreviations

CAS: Chemical Abstract Service.  
 EC-No: European Commission Number  
 CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.  
 CEN: European Committee for Standardization (Comité Européen de Normalisation).  
 TWA: Time Weighted Average.  
 STEL: Short-term Exposure Limit.  
 LD50: Lethal Dose 50%.  
 LC50: Lethal Concentration 50%.  
 EC50: Effective Concentration 50%.  
 NOEL: No observed effect level.  
 COD: Chemical Oxygen Demand  
 BOD: Biochemical oxygen demand.  
 TOC: Total Organic Carbon.  
 ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des marchandises dangereuses par route).  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures).  
 IATA: International Air Transport Association  
 IMDG Code: International Maritime Dangerous Goods Code.  
 RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer).

### References

Safety data sheets of raw materials.

### Information on evaluation method leading to the classification of mixture

The physical, health and environmental hazards of this mixture are assessed by applying the classification criteria for each hazard class or differentiation in Parts 2 to 5 of Annex I to Regulation (EC) No 1272/2008 (CLP).

### Full text of any H-statements not written out in full under Sections 2 to 15

H413 May cause long lasting harmful effects to aquatic life.



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<b>Revision information</b>	SECTION 11: Toxicological information: Acute toxicity SECTION 11: Toxicological information: Aspiration hazard SECTION 11: Toxicological information: Carcinogenicity SECTION 11: Toxicological information: Skin corrosion/irritation SECTION 11: Toxicological information: Germ cell mutagenicity SECTION 11: Toxicological information: Reproductive toxicity SECTION 11: Toxicological information: Respiratory or skin sensitisation SECTION 11: Toxicological information: Specific target organ toxicity - repeated exposure SECTION 11: Toxicological information: Specific target organ toxicity - single exposure SECTION 16: Other information: Further information
<b>Training information</b>	Provide training on safe handling while considering the type of application and exposure scenarios.
<b>Based on EC Directive / Regulations</b>	(EC) No 1907/2006 (REACH) (EC) No 1272/2008 (EU) No 1357/2014 (EU) 2015/830
<b>Further information</b>	Correction in Section: 11