

## HOSTAPUR SAS 93

000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : HOSTAPUR SAS 93  
Product code : 000010027102

#### Manufacturer or supplier's details

Company : WeylChem Wiesbaden GmbH  
Industriepark Kalle-Albert  
Kastelerstr. 45  
65203 Wiesbaden  
Germany

Telephone : +49 611 962 5777  
Prepared by : geraldine.primazot@weylchem.com

Emergency telephone number : +1 215 207 0061 (24 H)

#### Recommended use of the chemical and restrictions on use

Recommended use : Detergent

### SECTION 2. HAZARDS IDENTIFICATION


#### Emergency Overview

Appearance	Pastilles
Colour	yellow
Odour	characteristic
Hazard Summary	Harmful if swallowed. Irritating to skin. Risk of serious damage to eyes.

#### GHS Classification

Acute toxicity (Oral) : Category 4  
Skin irritation : Category 2  
Serious eye damage : Category 1

#### GHS-Labeling - Label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

**HOSTAPUR SAS 93**000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear eye protection/ face protection.  
P280 Wear protective gloves.  
**Response:**  
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and 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.  
P310 Immediately call a POISON CENTER/doctor.  
P330 Rinse mouth.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

**Potential Health Effects**

Primary Routes of Entry : no  
Inhalation : May cause irritation of respiratory tract.  
Skin : May cause skin irritation.  
Eyes : May cause severe irritation.  
Ingestion : Not expected to be toxic.  
Aggravated Medical Condition : None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Substance  
Substance name : Sulfonic acids, C10-C18-Alkane, Sodium salts (93% active)  
CAS 68037-49-0 (alt: 68608-26-4)

**SECTION 4. FIRST AID MEASURES**

General advice : Remove/Take off immediately all contaminated clothing.  
If inhaled : If inhaled, remove to fresh air.

## HOSTAPUR SAS 93

000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

	Get medical advice/ attention.
In case of skin contact	: In case of contact, immediately flush skin with plenty of water.
In case of eye contact	: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
If swallowed	: Get medical attention immediately.
Most important symptoms and effects, both acute and delayed	: None known.  None known.
Notes to physician	: Treat symptomatically.

### SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Water spray jet Foam
Unsuitable extinguishing media	: Carbon dioxide (CO <sub>2</sub> ) Dry powder High volume water jet
Specific hazards during firefighting	: In case of fire hazardous decomposition products may be produced such as: Carbon monoxide Carbon dioxide (CO <sub>2</sub> )
Special protective equipment for firefighters	: Self-contained breathing apparatus

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment.
Environmental precautions	: Do not let product enter drains. Do not contaminate water. Avoid release to the environment.
Methods and materials for containment and cleaning up	: Use mechanical handling equipment.  Flush away traces with water.

### SECTION 7. HANDLING AND STORAGE

#### Handling

## HOSTAPUR SAS 93

000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

- Advice on safe handling : Handle and open container with care.  
Avoid dust accumulation in enclosed space.
- Minimize dust generation and accumulation.
- Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.  
Take measures to prevent the build up of electrostatic charge.
- Dust explosion class : No data available

### Storage

- Requirements for storage areas and containers : Keep only in the original container.  
Keep container tightly closed.
- Further information on storage conditions : Store in a dry place.  
hygroscopic
- Advice on common storage : Keep away from food and drink.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

No level has been established by OSHA, NIOSH, ACGIH.

none

- Engineering measures** : Handle only in a place equipped with local exhaust (or other appropriate exhaust).

### Personal protective equipment

- Hand protection
- Break through time : > 481 min
- Glove thickness : >= 0.5 mm
- Remarks : Long-term exposure Nitrile rubber Impervious gloves
- > 481 min  
>= 0.5 mm  
Short-term exposure Nitrile rubber Impervious gloves
- Eye protection : Safety glasses
- Skin and body protection : Protective suit
- Protective measures : Avoid contact with skin.  
Avoid contact with eyes.  
Do not breathe dust.

**HOSTAPUR SAS 93**000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

Hygiene measures : Wash hands before breaks and at the end of workday.  
Use protective skin cream before handling the product.  
Take off immediately all contaminated clothing and wash it before reuse.  
Do not eat, drink or smoke when using this product.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Pastilles

Colour : yellow

Odour : characteristic

pH : ca. 7, Concentration: 10 g/l (20 °C)

Melting point/range : > 350 °C Method: DSC

Boiling point/boiling range : > 360 °C Decomposition: no  
Method: DSC

Flash point : Not applicable

Evaporation rate : Not applicable

Upper explosion limit : Not applicable

Lower explosion limit : Not applicable

Vapour pressure : < 0.00001 hPa

Relative vapour density : Not applicable

Relative density : No data available

Density : 0.62 g/cm<sup>3</sup>

Bulk density : ca. 600 kg/m<sup>3</sup>

Solubility(ies)

Water solubility : 320 g/l (25 °C)

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : log Pow: 0.2

Ignition temperature : Not applicable

Thermal decomposition : > 360 °C

Viscosity

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

Flow time : Not applicable

**HOSTAPUR SAS 93**000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

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Explosive properties	: No data available
Oxidizing properties	: No data available
Surface tension	: 34 mN/m, 20 °C

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: See section 10.3. "Possibility of hazardous reactions"
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use. Stable  Stable
Conditions to avoid	: None known.
Incompatible materials	: not known
Hazardous decomposition products	: Carbon monoxide Carbon dioxide (CO <sub>2</sub> ) Sodium oxides

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**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity****Product:**

Acute oral toxicity	: LD50 Rat, male and female: > 500 - 2,000 mg/kg Method: OECD Test Guideline 401 GLP: yes
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	: LD50 Mouse, female: > 2,000 mg/kg Method: Expert judgement GLP: no

**Skin corrosion/irritation****Product:**

Result: irritating  
Classification: Irritating to skin.

## HOSTAPUR SAS 93

000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

### Serious eye damage/eye irritation

**Product:**

Result: Risk of serious damage to eyes.

Classification: Risk of serious damage to eyes.

Method: OECD Test Guideline 405

Remarks: The toxicological data has been taken from products of similar composition.

### Respiratory or skin sensitisation

**Product:**

Species: Guinea pig

Result: negative

Method: OECD Test Guideline 406

GLP: no

Remarks: The toxicological data has been taken from products of similar composition.

### Germ cell mutagenicity

**Product:**

Germ cell mutagenicity-  
Assessment :

Animal testing did not show any mutagenic effects.

### Carcinogenicity

**Product:**

Remarks: No data available

Carcinogenicity -  
Assessment :

No evidence of carcinogenicity in animal studies.

### Reproductive toxicity

**Product:**

Reproductive toxicity -  
Assessment : No toxicity to reproduction

### STOT - single exposure

**Product:**

Remarks: No data available

**HOSTAPUR SAS 93**000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

**STOT - repeated exposure****Product:**

Remarks: No data available

**Repeated dose toxicity****Product:**

Rat:

NOAEL: 200 mg/kg

Application Route: oral (feed)

Method: Other

GLP: no

Mouse:

NOAEL: 500 mg/kg

Method: Other

GLP: no

**Aspiration toxicity****Product:**

No data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): 1 - 10 mg/l  
Exposure time: 96 h  
Test Method: static test  
Method: OECD Test Guideline 203  
GLP: no
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 9.81 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202  
GLP: yes
- Toxicity to algae : EC50 (Desmodesmus subspicatus (Scenedesmus subspicatus)): > 61 mg/l  
End point: Growth rate  
Exposure time: 72 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 201  
GLP: yes



**HOSTAPUR SAS 93**000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

Toxicity to fish (Chronic toxicity) : NOEC: 0.85 mg/l  
Exposure time: 28 d  
End point: Other  
Species: Oncorhynchus mykiss (rainbow trout)  
Analytical monitoring: yes  
Method: OECD Test Guideline 204  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.36 mg/l  
Exposure time: 22 d  
End point: Reproduction rate  
Species: Daphnia magna (Water flea)  
Test Method: semi-static test  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to bacteria : NOEC (Pseudomonas putida): 600 mg/l  
End point: Toxicity to bacteria  
Test Method: Growth inhibition  
Method: DIN 38412 T.8  
GLP: no

Toxicity to soil dwelling organisms : NOEC: 470 mg/kg  
Exposure time: 56 d  
End point: Reproduction  
Species: Eisenia fetida (earthworms)  
Method: OECD Test Guideline 222  
GLP: yes

**Persistence and degradability****Product:**

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Biodegradation: 78 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B  
GLP: no  
Remarks: Readily biodegradable, according to appropriate OECD test.

Inoculum: activated sludge  
Biodegradation: 89 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301E  
Remarks: Readily biodegradable, according to appropriate OECD test.

Test Type: aerobic  
Inoculum: activated sludge  
Biodegradation: 96.2 %  
Exposure time: 34 d  
Method: OECD 303A

**HOSTAPUR SAS 93**000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

Remarks: Readily biodegradable, according to appropriate OECD test.

Chemical Oxygen Demand (COD) : 2,065 mg/g  
Dissolved organic carbon (DOC) : 400 mg/g  
Physico-chemical removability : Remarks: No data available

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Partition coefficient: n-octanol/water : log Pow: 0.2

**Mobility in soil****Product:**Distribution among environmental compartments : Adsorption/Soil  
Koc: 50Method: OECD Test Guideline 106  
Remarks: Not expected to adsorb on soil.**Other adverse effects****Product:**

Environmental fate and pathways : Remarks: Due to the distribution coefficient n-octanol/water, accumulation in organisms is not expected.

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil., Avoid release to the environment.

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as the unused product.

**SECTION 14. TRANSPORT INFORMATION**

## HOSTAPUR SAS 93

000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

### International Regulations

#### IATA-DGR

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### 49 CFR

Not regulated as a dangerous good

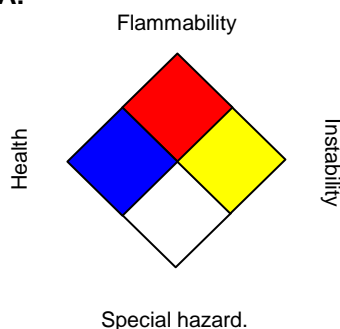
## SECTION 15. REGULATORY INFORMATION

- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.
- California Prop 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



#### HMIS III:

<b>HEALTH</b>	<b>3</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Observe national and local legal requirements

Avoid contact with skin and eyes.  
Wear suitable protective equipment.  
Wash thoroughly after handling.

## HOSTAPUR SAS 93

000010027102, Version 3.8  
US / EN

Revision Date 05/23/2016

Print Date 05/23/2016

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