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Version: 4.1  
Effective date: 06/03/2023  
Previous Date: 29/08/2020

# SAFETY DATA SHEET

## SPEC-AID 8Q206SD (FuelAid SD 206)

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

#### 1.1. Product identifier

Trade name or designation of the mixture      SPEC-AID 8Q206SD (FuelAid SD 206)

Date of first issue      08/12/2018

Version number      4.1

Revision date      06/03/2023

Supersedes date      29/08/2020

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

Identified uses      Antioxidant

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

##### Health hazards

Skin corrosion/irritation	Category 1B	H314 - Causes severe skin burns and eye damage.
Serious eye damage/eye irritation	Category 1	H318 - Causes serious eye damage.
Skin sensitisation	Category 1B	H317 - May cause an allergic skin reaction.
Carcinogenicity	Category 2	H351 - Suspected of causing cancer.
Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure	Category 2 (liver)	H373 - May cause damage to organs (liver) through prolonged or repeated exposure.
Aspiration hazard	Category 1	H304 - May be fatal if swallowed and enters airways.



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#### Environmental hazards

Hazardous to the aquatic environment, acute aquatic hazard Category 1 H400 - Very toxic to aquatic life.  
 Hazardous to the aquatic environment, long-term aquatic hazard Category 1 H410 - Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

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

**Contains:** 2,4,6-tri-tert-butylphenol, Hydrocarbons, C10, aromatics, >1% naphthalene, Naphthalene, Ortho-tert butylphenol

#### Hazard pictograms



**Signal word** Danger

#### Hazard statements

H304 May be fatal if swallowed and enters airways.  
 H314 Causes severe skin burns and eye damage.  
 H317 May cause an allergic skin reaction.  
 H336 May cause drowsiness or dizziness.  
 H351 Suspected of causing cancer.  
 H373 May cause damage to organs (liver) through prolonged or repeated exposure.  
 H410 Very toxic to aquatic life with long lasting effects.

#### Precautionary statements

##### Prevention

P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with 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 CENTRE/doctor.

**Storage** Not available.

**Disposal** Not available.

**Supplemental label information** None.

**2.3. Other hazards** None known.

### SECTION 3: Composition/information on ingredients

#### Mixtures

**Chemical description** Tert-butylphenols in aromatic solvent

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
2,6-di-tert-butylphenol	25 - < 60	128-39-2 204-884-0	01-2119490822-33	-	
<b>Classification:</b>	Skin Irrit. 2;H315, Aquatic Acute 1;H400, Aquatic Chronic 1;H410				
2,4,6-tri-tert-butylphenol	2,5 - < 25	732-26-3 211-989-5	01-2119879273-29	-	
<b>Classification:</b>	Acute Tox. 4;H302, Skin Sens. 1B;H317, STOT RE 1;H372, Aquatic Chronic 2;H411				
Naphthalene	2,5 - < 25	91-20-3 202-049-5	-	601-052-00-2	#
<b>Classification:</b>	Acute Tox. 4;H302, Carc. 2;H351, Aquatic Acute 1;H400, Aquatic Chronic 1;H410				



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Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Ortho-tert butylphenol	5 - < 10	88-18-6 201-807-2	01-2119971072-42	-	
<b>Classification:</b>	Acute Tox. 4;H302, Acute Tox. 4;H312, Skin Corr. 1B;H314, Aquatic Chronic 2;H411				
2,4-Di-tert-butylphenol	1 - < 3	96-76-4 202-532-0	01-2119486980-25	-	
<b>Classification:</b>	Skin Irrit. 2;H315, Eye Dam. 1;H318, Aquatic Chronic 1;H410				
Phenol	< 1	108-95-2 203-632-7	01-2119471329-32	604-001-00-2	#
<b>Classification:</b>	Acute Tox. 3;H301, Acute Tox. 3;H311, Skin Corr. 1B;H314, Acute Tox. 3;H331, Muta. 2;H341, STOT RE 2;H373, Aquatic Chronic 2;H411				

### UVCB substance(s)

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Hydrocarbons, C10, aromatics, >1% naphthalene	20 - 50	N/A 919-284-0	01-2119463588-24	-	
<b>Classification:</b>	Asp. Tox. 1;H304, STOT SE 3;H336, Carc. 2;H351, Aquatic Chronic 2;H411				

The classification of the above substance(s) is given, including the hazard class, category code and hazard statements which are assigned in accordance with their physicochemical, health and environmental hazards. Please refer to section 16 where the full text of each relevant H-statement is listed.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin contact</b>	Take off immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Eye contact</b>	Rinse immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth. Do not give anything to eat or drink. Do not induce vomiting. Call a physician or poison control centre immediately.

**4.2. Most important symptoms and effects, both acute and delayed**  
 Corrosive effects.  
 Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Dry chemical, carbon dioxide. Foam.
<b>Unsuitable extinguishing media</b>	Water.

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



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### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Self contained breathing apparatus. (CEN : EN 137) Protective clothing (CEN : EN 469) Protective gloves (CEN : EN 659) Helmet (CEN : EN 443)
<b>Special fire fighting procedures</b>	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

<b>For non-emergency personnel</b>	Wear protective clothing, gloves and safety goggles.
<b>For emergency responders</b>	Use personal protection recommended in Section 8 of the SDS.

### 6.2. Environmental precautions

Prevent from entering sewers or the immediate environment.  
Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.

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

Remove sources of ignition.  
Absorb onto inert material and dispose of according to Hazardous Waste Regulations.  
Remove small spills with plenty of water.

### 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

Combustible.  
Do not use around sparks or flames.  
Earth containers during filling or discharge when performed at temperatures at or above the product flash point.

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

Store containers closed when not in use.  
Store in cool, well ventilated area.  
Store away from oxidisers.

### 7.3. Specific end use(s)

Only for professional and industrial users

### Shelf life

360 days

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

**UAE. OELs. Maximum Allowable Limits for Air Pollutants in Working Areas [Law to Protect the Air from Pollution, Resolution of the Cabinet of Ministers No. 12 of 2006]**

Components	Type	Value
Naphthalene (CAS 91-20-3)	STEL	79 mg/m3 15 ppm
	TWA	52 mg/m3 10 ppm
Phenol (CAS 108-95-2)	TWA	19 mg/m3 5 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Naphthalene (CAS 91-20-3)	TWA	10 ppm
Phenol (CAS 108-95-2)	TWA	5 ppm

#### EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

Components	Type	Value
Naphthalene (CAS 91-20-3)	TWA	50 mg/m3 10 ppm
	STEL	16 mg/m3 4 ppm



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**EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU**

Components	Type	Value
	TWA	8 mg/m <sup>3</sup> 2 ppm

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

**Recommended monitoring procedures** Not available.

**Derived no effect levels (DNELs)**

**Workers**

Components	Value	Assessment factor	Notes
<b>2,4,6-tri-tert-butylphenol (CAS 732-26-3)</b>			
Long-term, Systemic, Dermal	0,06 mg/kg bw/day	100	Repeated dose toxicity
Long-term, Systemic, Inhalation	0,1 mg/m <sup>3</sup>	25	Repeated dose toxicity
Short-term, Systemic, Inhalation	0,3 mg/m <sup>3</sup>		Acute toxicity
<b>2,4-Di-tert-butylphenol (CAS 96-76-4)</b>			
Long-term, Systemic, Dermal	2,77 mg/kg	36	
Long-term, Systemic, Inhalation	19,6 mg/m <sup>3</sup>	9	
<b>2,6-di-tert-butylphenol (CAS 128-39-2)</b>			
Long-term, Systemic, Dermal	2,77 mg/kg	36	
Long-term, Systemic, Inhalation	19,6 mg/m <sup>3</sup>	9	
<b>Ortho-tert butylphenol (CAS 88-18-6)</b>			
Long-term, Systemic, Inhalation	1,47 mg/m <sup>3</sup>	60	
<b>Phenol (CAS 108-95-2)</b>			
Long-term, Systemic, Dermal	1,23 mg/kg	1	
Long-term, Systemic, Inhalation	8 mg/m <sup>3</sup>		
Short-term, Local, Inhalation	16 mg/m <sup>3</sup>		

UVCB substance(s)	Value	Assessment factor	Notes
<b>Hydrocarbons, C10, aromatics, &gt;1% naphthalene (CAS N/A)</b>			
Long-term, Systemic, Dermal	12,5 mg/kg/day		
Long-term, Systemic, Inhalation	151 mg/m <sup>3</sup>		

**Predicted no effect concentrations (PNECs)**

Components	Value	Assessment factor	Notes
<b>2,4,6-tri-tert-butylphenol (CAS 732-26-3)</b>			
Freshwater	7,7 µg/l		
Marine water	0,77 µg/l		
Secondary poisoning	1 mg/kg	30	Oral
Sediment (freshwater)	1,368 mg/kg		
Sediment (marine water)	0,137 mg/kg		
Soil	0,274 mg/kg		
STP	10 mg/l	100	
<b>2,4-Di-tert-butylphenol (CAS 96-76-4)</b>			
Freshwater	0,002 mg/l	10	
Intermittent releases	0,00037 mg/l	100	
Marine water	0,000037 mg/l	10000	
Secondary poisoning	6,67 mg/kg	300	
Sediment (freshwater)	0,168 mg/kg		
Sediment (marine water)	0,0168 mg/kg		
Soil	0,0333 mg/kg		
STP	0,1 mg/l	100	
<b>2,6-di-tert-butylphenol (CAS 128-39-2)</b>			
Freshwater	0,00045 mg/l	1000	
Intermittent releases	0,0045 mg/l	100	
Marine water	0,000045 mg/l	10000	
Sediment (freshwater)	0,196 mg/kg		
Sediment (marine water)	0,0196 mg/kg		



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Soil	0,0389 mg/kg	
STP	10 mg/l	100
Ortho-tert butylphenol (CAS 88-18-6)		
Freshwater	0,0231 mg/l	10
Intermittent releases	0,024 mg/l	100
Marine water	0,00231 mg/l	100
Sediment (freshwater)	2,2845 mg/kg	
Sediment (marine water)	0,2284 mg/kg	
Soil	0,4433 mg/kg	
STP	0,1 mg/l	100
Phenol (CAS 108-95-2)		
Freshwater	0,0077 mg/l	10
Intermittent releases	0,031 mg/l	100
Marine water	0,00077 mg/l	100
Sediment (freshwater)	0,0915 mg/kg	
Sediment (marine water)	0,00915 mg/kg	
Soil	0,136 mg/kg	1000
STP	2,1 mg/l	10

### Exposure guidelines

#### Belgium OELs: Skin designation

Naphthalene (CAS 91-20-3)	Can be absorbed through the skin.
Phenol (CAS 108-95-2)	Can be absorbed through the skin.

### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	Adequate ventilation to maintain air contaminants below exposure limits. Explosion proof exhaust ventilation should be used. Eye wash facilities and emergency shower must be available when handling this product.
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### Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Splash proof chemical goggles. Face shield. CEN : EN 166
<b>Skin protection</b>	
- Hand protection	Gauntlet type neoprene gloves (Protection against unintentional short-term contact) Gauntlet type nitrile gloves (Protection against unintentional short-term contact) Coating thickness: 0.5 mm Penetration time: > 480 min CEN : EN 374-1/2/3/4; EN 420
- Other	Chemical resistant apron. CEN : EN ISO 13688; EN ISO 6530; EN ISO 6529; EN 14605
<b>Respiratory protection</b>	In case of insufficient ventilation, use a breathing mask with filter type: A2-P2 CEN : EN 136; EN 14387
<b>Thermal hazards</b>	Not available.

<b>Environmental exposure controls</b>	Prevent from entering in public sewers or the immediate environment. Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.
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## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	
Colour	Colourless to yellow
Physical state	Liquid
Odour	Hydrocarbon
Odour threshold	Not available.
pH (concentrated product)	Not available.
pH in aqueous solution	5,4 (5% extract)
Melting point/freezing point	< -37 °C



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## SPEC-AID 8Q206SD (FuelAid SD 206)

<b>Initial boiling point and boiling range</b>	177 °C
<b>Flash point</b>	87 °C P-M(CC)
<b>Evaporation rate</b>	< 1 (Ether = 1)
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapour pressure</b>	< 5 mm Hg
<b>Vapour pressure temp.</b>	21 °C
<b>Vapour density</b>	> 1 (Air = 1)
<b>Relative density</b>	0,93
<b>Relative density temperature</b>	21 °C
<b>Solubility</b>	
<b>Solubility (water)</b>	0 %
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	9 cps
<b>Viscosity temperature</b>	21 °C
<b>Explosive properties</b>	Not available.
<b>Oxidising properties</b>	Not available.
<b>9.2. Other information</b>	
<b>Pour point</b>	< -34 °C
<b>Shelf life</b>	360 days
<b>VOC</b>	100 % (Calculated)

### SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Not available.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	Not applicable.
<b>10.4. Conditions to avoid</b>	Keep away from heat.
<b>10.5. Incompatible materials</b>	Avoid contact with strong oxidisers.
<b>10.6. Hazardous decomposition products</b>	Oxides of carbon evolved in fire.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Product	Test Results
SPEC-AID 8Q206SD (FuelAid SD 206) (Mixture)	Acute Dermal LD50 Rabbit: > 5000 mg/kg (Calculated according to GHS additivity formula) Acute Inhalation LC50 Rat: > 20 mg/l 4 Hours (Calculated according to GHS additivity formula) Acute Oral LD50 Rat: > 5000 mg/kg (Calculated according to GHS additivity formula)





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## SPEC-AID 8Q206SD (FuelAid SD 206)

Components	Test Results
Phenol (108-95-2)	Acute Dermal LD50 Rabbit: 850 mg/kg Acute Inhalation LC50 Rat: 1,264 mg/l 4 hour Acute Oral LD50 Rat: 317 mg/kg
2,6-di-tert-butylphenol (128-39-2)	Acute Dermal LD50 Rabbit: > 5000 mg/kg Acute Oral LD50 Rat: 8697 mg/kg
2,4,6-tri-tert-butylphenol (732-26-3)	Acute Oral LD50 Rat: 1670 mg/kg
Ortho-tert butylphenol (88-18-6)	Acute Dermal LD50 Rabbit: 1373 mg/kg Acute Inhalation LC50 Rat: 1,75 mg/l 4 hour Acute Oral LD50 Rat: 789 mg/kg
Naphthalene (91-20-3)	Acute Dermal LD50 Rabbit: > 16000 mg/kg Acute Oral LD50 Rat: > 2000 mg/kg
2,4-Di-tert-butylphenol (96-76-4)	Acute Dermal LD50 Rabbit: > 5000 mg/kg Acute Oral LD50 Rat: > 2000 mg/kg
UVCB substance(s)	Test Results
Hydrocarbons, C10, aromatics, >1% naphthalene (N/A)	Acute Dermal LD50 Rabbit: > 2000 mg/kg Acute Inhalation LC50 Rat: > 4688 mg/m3 (Saturated vapor concentration) 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>	Causes severe skin burns and eye damage.
<b>Serious eye damage/irritation</b>	Causes serious eye damage.
<b>Respiratory or skin sensitisation</b>	May cause an allergic skin reaction.
<b>Specific target organ toxicity - repeated exposure</b>	May cause damage to organs (liver) through prolonged or repeated exposure.
<b>Specific target organ toxicity - single exposure</b>	Narcotic effects. May cause drowsiness or dizziness.
<b>Carcinogenicity</b>	Suspected of causing cancer.
<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.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Causes digestive tract burns. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhoea.
<b>Inhalation</b>	May cause irritation to the respiratory system. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
<b>Skin contact</b>	Causes severe skin burns. May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye damage.
<b>Symptoms</b>	Not available.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Mixture versus substance information</b>	None known.
<b>Other information</b>	Not available.

## SECTION 12: Ecological information

### 12.1. Toxicity





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## SPEC-AID 8Q206SD (FuelAid SD 206)

Product	Species		Test Results
SPEC-AID 8Q206SD (FuelAid SD 206) (CAS Mixture)			
<b>Aquatic</b>			
Crustacea	LC50	Daphnia magna	5,5 mg/l, Static Acute Bioassay, 48 hour
	NOEL	Daphnia magna	1,6 mg/l, Static Acute Bioassay, 48 hour
Fish	LC50	Fathead minnow	2,8 mg/l, Static Acute Bioassay, 96 hour
	NOEL	Fathead minnow	1,3 mg/l, Static Acute Bioassay, 96 hour

### 12.2. Persistence and degradability

- COD (mgO<sub>2</sub>/g) 2646 (calculated data)
- BOD 5 (mgO<sub>2</sub>/g) 16 (calculated data)
- BOD 28 (mgO<sub>2</sub>/g) 56 (calculated data)
- Closed Bottle Test (% Degradation in 28 days) 0 (calculated data)
- TOC (mg C/g) 879 (calculated data)

12.3. Bioaccumulative potential Not available.

### Partition coefficient n-octanol/water (log K<sub>ow</sub>)

2,6-di-tert-butylphenol	4,92
Naphthalene	3,3
Ortho-tert butylphenol	3,31
Phenol	1,46

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil Not available.

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

12.6. Other adverse effects Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Contaminated packaging** According to Hazardous Waste Regulations.  
EWC ( European Waste Code ) recommendation : 15 01 10  
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 10 Packaging containing residues of or contaminated by dangerous substances.  
Depending on the origin and state of the waste, other EWC numbers may be applicable too.

**Disposal methods/information** According to Hazardous Waste Regulations.  
EWC ( European Waste Code ) recommendation : 16 03 05  
16 Wastes not otherwise specified in the list.  
16 03 Off-specification batches and unused products.  
16 03 05 Organic wastes containing dangerous substances.  
Depending on the origin and state of the waste, other EWC numbers may be applicable too.

## SECTION 14: Transport information

### ADR

- 14.1. UN number UN3265
- 14.2. UN proper shipping name Corrosive liquid, acidic, organic, n.o.s. (Mixture of butyl phenols, Hydrocarbons, C10, aromatics, >1% naphthalene, Mixture)
- 14.3. Transport hazard class(es)
  - Class 8
  - Subsidiary risk -
  - Tunnel restriction code (E)
- 14.4. Packing group II



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14.5. Environmental hazards Yes  
14.6. Special precautions for user Not available.

#### RID

14.1. UN number UN3265  
14.2. UN proper shipping name Corrosive liquid, acidic, organic, n.o.s. (Mixture of butyl phenols, Hydrocarbons, C10, aromatics, >1% naphthalene, Mixture)  
14.3. Transport hazard class(es)  
Class 8  
Subsidiary risk -  
14.4. Packing group II  
14.5. Environmental hazards Yes  
14.6. Special precautions for user Not available.

#### ADN

14.1. UN number UN3265  
14.2. UN proper shipping name Corrosive liquid, acidic, organic, n.o.s. (Mixture of butyl phenols, Hydrocarbons, C10, aromatics, >1% naphthalene, Mixture)  
14.3. Transport hazard class(es)  
Class 8  
Subsidiary risk -  
14.4. Packing group II  
14.5. Environmental hazards Yes  
14.6. Special precautions for user Not available.

#### IATA

14.1. UN number UN3265  
14.2. UN proper shipping name Corrosive liquid, acidic, organic, n.o.s. (Mixture of butyl phenols, Hydrocarbons, C10, aromatics, >1% naphthalene, Mixture)  
14.3. Transport hazard class(es)  
Class 8  
Subsidiary risk -  
14.4. Packing group II  
14.5. Environmental hazards Yes  
ERG Code Not available.  
14.6. Special precautions for user Not available.

#### IMDG

14.1. UN number UN3265  
14.2. UN proper shipping name Corrosive liquid, acidic, organic, n.o.s. (Mixture of butyl phenols, Hydrocarbons, C10, aromatics, >1% naphthalene, Mixture)  
14.3. Transport hazard class(es)  
Class 8  
Subsidiary risk -  
14.4. Packing group II  
14.5. Environmental hazards  
Marine pollutant Yes  
EmS F-A, S-B  
14.6. Special precautions for user Not available.  
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code This substance/mixture is not intended to be transported in bulk.



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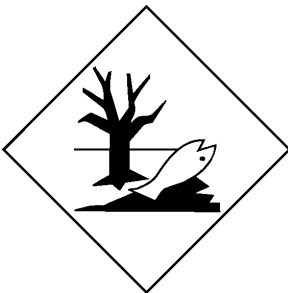
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ADN; ADR; IATA; IMDG; RID



Marine pollutant



### 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**

Naphthalene (CAS 91-20-3)

Phenol (CAS 108-95-2)

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

Not listed.

##### Authorisations

**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.**

Naphthalene (CAS 91-20-3)

Phenol (CAS 108-95-2)



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### Other EU regulations

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

Naphthalene (CAS 91-20-3)

Phenol (CAS 108-95-2)

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

EC-No: European Commission Number  
 COD: Chemical Oxygen Demand  
 IATA: International Air Transport Association  
 CAS: Chemical Abstract Service.  
 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.  
 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).  
 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).  
 Safety data sheets of raw materials.

### References

#### 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

H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.  
 H311 Toxic in contact with skin.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H331 Toxic if inhaled.  
 H336 May cause drowsiness or dizziness.  
 H341 Suspected of causing genetic defects.



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H351 Suspected of causing cancer.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.

This document has undergone significant changes and should be reviewed in its entirety.

Provide training on safe handling while considering the type of application and exposure scenarios.

(EC) No 1907/2006 (REACH)  
(EC) No 1272/2008  
(EU) 2015/830  
(EU) No 1357/2014

Correction in Section: 8,11

**Revision information**

**Training information**

**Based on EC Directive /  
Regulations**

**Further information**