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Version: 7.2

Effective date: 24/09/2020

Previous Date: 07/05/2020

SAFETY DATA SHEET

PETROFLO 20Y603E (PetroKare PK 42 AF)

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

1.1. Product identifier

Trade name or designation of the mixture PETROFLO 20Y603E (PetroKare PK 42 AF)

Date of first issue 31/01/2008

Version number 7.2

Revision date 24/09/2020

Supersedes date 07/05/2020

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

Identified uses Polymerisation inhibitor

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 sensitisation Category 1 H317 - May cause an allergic skin reaction.

Reproductive toxicity Category 1B H360 - May damage fertility or the unborn child.

Specific target organ toxicity - single exposure Category 3 narcotic effects H336 - May cause drowsiness or dizziness.

Aspiration hazard Category 1 H304 - May be fatal if swallowed and enters airways.

Environmental hazards

Hazardous to the aquatic environment, acute aquatic hazard Category 1 H400 - Very toxic to aquatic life.



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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: Hydrocarbons, C10, aromatics, <1% naphthalene, Hydrocarbons, C10, aromatics, >1% naphthalene, N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, N-(4-Aminophenyl)aniline, N-methyl-2-pyrrolidone

Hazard pictograms



Signal word

Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.
 H317 May cause an allergic skin reaction.
 H336 May cause drowsiness or dizziness.
 H360 May damage fertility or the unborn child.
 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 + P310 IF SWALLOWED: Immediately call a POISON CENTRE/doctor.
 P302 + P352 IF ON SKIN: Wash with plenty of water.
 P308 + P313 IF exposed or concerned: Get medical advice/attention.

Storage

Not available.

Disposal

Not available.

Supplemental label information

EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

Mixtures

Chemical description Polymer and amines in aromatic solvent

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Hydrocarbons, C10, aromatics, <1% naphthalene	50 - < 60	N/A 918-811-1	01-2119463583-34	-	
Classification:	Asp. Tox. 1;H304, STOT SE 3;H336, Aquatic Chronic 2;H411				
N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine	20 - < 30	793-24-8 212-344-0	01-2119485839-15	-	
Classification:	Acute Tox. 4;H302, Skin Sens. 1;H317, Repr. 1B;H360, Aquatic Acute 1;H400(M=10), Aquatic Chronic 1;H410(M=10)				
N-methyl-2-pyrrolidone	3 - 5	872-50-4 212-828-1	01-2119472430-46	606-021-00-7	# PBT vPvB
Classification:	Skin Irrit. 2;H315, Eye Irrit. 2;H319, STOT SE 3;H335, Repr. 1B;H360D				



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Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Formaldehyde, polymers with branched 4-nonylphenol and ethylenediamine	1 - < 3	1152269-15-2 -	-	-	
Classification:	Skin Irrit. 2;H315, Eye Irrit. 2;H319				
Hydrocarbons, C10, aromatics, >1% naphthalene	1 - < 3	N/A 919-284-0	01-2119463588-24	-	
Classification:	Asp. Tox. 1;H304, STOT SE 3;H336, Carc. 2;H351, Aquatic Chronic 2;H411				
Naphthalene	< 1	91-20-3 202-049-5	-	601-052-00-2	#
Classification:	Acute Tox. 4;H302, Carc. 2;H351, Aquatic Acute 1;H400, Aquatic Chronic 1;H410				
N-(4-Aminophenyl)aniline	< 0,3	101-54-2 202-951-9	-	-	
Classification:	Acute Tox. 4;H302, Skin Sens. 1;H317, Eye Irrit. 2;H319, Aquatic Acute 1;H400, Aquatic Chronic 1;H410				

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

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin contact	Take off immediately all contaminated clothing. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Eye contact	Immediately flush eye(s) with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Do not induce vomiting. Do not give anything to eat or drink. Call a physician or poison control centre immediately.

4.2. Most important symptoms and effects, both acute and delayed Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
May cause allergic skin reaction.

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). Dry chemical powder. Foam.
Unsuitable extinguishing media	Water.

5.2. Special hazards arising from the substance or mixture Oxides of carbon and nitrogen 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)
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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.
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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. 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.

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. Use non-sparking tools and explosion-proof equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool, well ventilated area. Store away from oxidisers. Keep containers tightly closed in a dry, cool and well-ventilated place. Prevent electrostatic charge build-up by using common bonding and grounding techniques.

7.3. Specific end use(s)

Only for professional and industrial users

Shelf life

270 days

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limits****UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value
N-methyl-2-pyrrolidone (CAS 872-50-4)	STEL	80 mg/m ³
		20 ppm
	TWA	40 mg/m ³ 10 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/m ³ 10 ppm
		80 mg/m ³
	TWA	20 ppm 40 mg/m ³ 10 ppm

Biological limit values**UK. EH40 Biological Monitoring Guidance Values (BMGVs)**

Components	Value	Determinant	Specimen	Sampling Time
Naphthalene (CAS 91-20-3)	4 umol/mol	1-Hydroxypyrene	Creatinine in urine	*

* - For sampling details, please see the source document.

Recommended monitoring procedures Not available.

**SAFETY DATA SHEET****PETROFLO 20Y603E (PetroKare PK 42 AF)****Derived no effect levels (DNELs)****Workers**

Components	Value	Assessment factor	Notes
Hydrocarbons, C10, aromatics, <1% naphthalene (CAS N/A)			
Long-term, Systemic, Dermal	12,5 mg/kg/day		
Long-term, Systemic, Inhalation	150 mg/m ³		
Hydrocarbons, C10, aromatics, >1% naphthalene (CAS N/A)			
Long-term, Systemic, Dermal	12,5 mg/kg/day	24	
Long-term, Systemic, Inhalation	151 mg/m ³	12	
N-(1,3-dimethylbutyl)-N'-phenyl-p- phenylenediamine (CAS 793-24-8)			
Long-term, Systemic, Dermal	0,19 mg/kg		
Long-term, Systemic, Inhalation	0,69 mg/m ³		
Short-term, Systemic, Dermal	0,95 mg/kg		
Short-term, Systemic, Inhalation	3,45 mg/m ³		
N-methyl-2-pyrrolidone (CAS 872-50-4)			
Long-term, Local, Inhalation	40 mg/m ³		
Long-term, Systemic, Dermal	4,8 mg/kg		
Long-term, Systemic, Inhalation	14,4 mg/m ³		

Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
N-(1,3-dimethylbutyl)-N'-phenyl-p- phenylenediamine (CAS 793-24-8)			
Freshwater	0,37 µg/l	10	
Intermittent releases	0,28 µg/l	100	
Marine water	0,037 µg/l	100	
Secondary poisoning	1,33 mg/kg	300	Oral
Sediment (freshwater)	0,11 mg/kg		
Sediment (marine water)	0,011 mg/kg		
Soil	1,64 mg/kg	10	
N-methyl-2-pyrrolidone (CAS 872-50-4)			
Freshwater	0,25 mg/l	50	
Intermittent releases	5 mg/l	100	
Marine water	0,025 mg/l	500	
Sediment (freshwater)	0,805 mg/kg		
Sediment (marine water)	0,0805 mg/kg		
Soil	0,138 mg/kg		
STP	10 mg/l	10	

Exposure guidelines**UK EH40 WEL: Skin designation**

N-methyl-2-pyrrolidone (CAS 872-50-4) Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls Adequate ventilation to maintain air contaminants below exposure limits.
Explosion proof exhaust ventilation should be used.

Individual protection measures, such as personal protective equipment

Eye/face protection Splash proof chemical goggles.
CEN : EN 166

Skin protection

- Hand protection Nitrile gloves (Protection against unintentional short-term contact)
Neoprene gloves (Protection against unintentional short-term contact)
Viton gloves (Protection against unintentional short-term contact)
Penetration time: 480 min
Coating thickness: > 0.5 mm
CEN : EN 374-1/2/3/4; EN 420

- Other Protective clothing.
CEN : EN ISO 13688; EN ISO 6529; EN 14605



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Respiratory protection	In case of insufficient ventilation, use a breathing mask with filter type: A2-P3 CEN : EN 136; EN 14387
Thermal hazards	Not available.
Environmental exposure controls	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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Colour	Red-brown
Physical state	Liquid
Odour	Hydrocarbon
Odour threshold	Not available.
pH (concentrated product)	Not available.
pH in aqueous solution	9,3 (5% extract)
Melting point/freezing point	< -45 °C
Initial boiling point and boiling range	177 °C
Flash point	63 °C P-M(CC)
Evaporation rate	< 1 (Ether = 1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapour pressure	< 5 mm Hg
Vapour pressure temp.	21 °C
Vapour density	> 1 (Air = 1)
Relative density	0,94
Relative density temperature	21 °C
Solubility	
Solubility (water)	< 0,01 %
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	18 cps
Viscosity temperature	21 °C
Explosive properties	Not available.
Oxidising properties	Not available.

9.2. Other information

Pour point	-12 °C
Shelf life	270 days
VOC	67 % (Estimated)

SECTION 10: Stability and reactivity

10.1. Reactivity	Strong oxidising agents.
10.2. Chemical stability	Material is stable under normal conditions.



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10.3. Possibility of hazardous reactions	Not applicable.
10.4. Conditions to avoid	Keep away from all sources of ignition.
10.5. Incompatible materials	Avoid contact with strong oxidisers.
10.6. Hazardous decomposition products	Oxides of carbon and nitrogen evolved in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Product	Test Results
PETROFLO 20Y603E (PetroKare PK 42 AF) (Mixture)	Acute Dermal LD50 Rabbit: > 2000 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: > 2000 mg/kg (Calculated according to GHS additivity formula)

Components	Test Results
N-(4-Aminophenyl)aniline (101-54-2)	Acute Dermal LD50 Rabbit: > 5000 mg/kg Acute Oral LD50 Rat: 464 mg/kg
N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine (793-24-8)	Acute Dermal LD50 Rabbit: > 7940 mg/kg Acute Oral LD50 Rat: 893 mg/kg
N-methyl-2-pyrrolidone (872-50-4)	Acute Dermal LD50 Rabbit: > 5000 mg/kg Acute Inhalation LC50 Rat: > 5,1 mg/l 4 hour Acute Oral LD50 Rat: 4150 mg/kg
Naphthalene (91-20-3)	Acute Dermal LD50 Rabbit: > 16000 mg/kg Acute Oral LD50 Rat: > 2000 mg/kg
Hydrocarbons, C10, aromatics, >1% naphthalene (N/A)	Acute Dermal LD50 Rabbit: > 2000 mg/kg
Hydrocarbons, C10, aromatics, <1% naphthalene (N/A)	Acute Dermal LD50 Rabbit: > 2000 mg/kg
Hydrocarbons, C10, aromatics, >1% naphthalene (N/A)	Acute Inhalation LC50 Rat: > 4688 mg/m ³ 4 hours (Saturated vapor concentration)
Hydrocarbons, C10, aromatics, <1% naphthalene (N/A)	Acute Inhalation LC50 Rat: > 4688 mg/m ³ 4 hours (Saturated vapor concentration) Acute Oral LD50 Rat: 7050 mg/kg
Hydrocarbons, C10, aromatics, >1% naphthalene (N/A)	Acute Oral LD50 Rat: > 2000 mg/kg

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	May be irritating to eyes.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	Narcotic effects. May cause drowsiness or dizziness.
Carcinogenicity	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	May damage fertility or the unborn child.

Information on likely routes of exposure

Ingestion	May cause irritation of the gastrointestinal tract.
Inhalation	Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.



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Skin contact	May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking.
Eye contact	May be irritating to eyes.
Symptoms	Not available.
Aspiration hazard	May be fatal if swallowed and enters airways.
Mixture versus substance information	None known.
Other information	Not available.

SECTION 12: Ecological information

12.1. Toxicity	No data available
12.2. Persistence and degradability	No data available
12.3. Bioaccumulative potential	Not available.
Partition coefficient n-octanol/water (log Kow)	
N-methyl-2-pyrrolidone	-0,54
Naphthalene	3,3
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.
Summary	Processing with no release into waste water.

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	UN3082
14.2. UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, Hydrocarbons, C10, aromatics, <1% naphthalene, Mixture)
14.3. Transport hazard class(es)	
Class	9
Subsidiary risk	-
Tunnel restriction code	(-)
14.4. Packing group	III
14.5. Environmental hazards	Yes



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14.6. Special precautions for user Not available.

RID

14.1. UN number UN3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, Hydrocarbons, C10, aromatics, <1% naphthalene, Mixture)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
14.4. Packing group III
14.5. Environmental hazards Yes
14.6. Special precautions for user Not available.

ADN

14.1. UN number UN3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, Hydrocarbons, C10, aromatics, <1% naphthalene, Mixture)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
14.4. Packing group III
14.5. Environmental hazards Yes
14.6. Special precautions for user Not available.

IATA

14.1. UN number UN3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, Hydrocarbons, C10, aromatics, <1% naphthalene, Mixture)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
14.4. Packing group III
14.5. Environmental hazards Yes
ERG Code Not available.
14.6. Special precautions for user Not available.

IMDG

14.1. UN number UN3082
14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(N-(1,3-dimethylbutyl)-N'-phenyl-p-phenylenediamine, Hydrocarbons, C10, aromatics, <1% naphthalene, Mixture)
14.3. Transport hazard class(es)
Class 9
Subsidiary risk -
14.4. Packing group III
14.5. Environmental hazards
Marine pollutant Yes
EmS F-A, S-F
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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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)

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

N-methyl-2-pyrrolidone (CAS 872-50-4)

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

N-methyl-2-pyrrolidone (CAS 872-50-4)

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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)

Other EU regulations

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

Naphthalene (CAS 91-20-3)



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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

H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H351 Suspected of causing cancer.
 H360 May damage fertility or the unborn child.
 H360D May damage the unborn child.
 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.

Revision information

Physical & Chemical Properties: Multiple Properties
 Toxicological Information: Toxicological Data
 SECTION 16: Other information: Further information



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Training information	Provide training on safe handling while considering the type of application and exposure scenarios.
Based on EC Directive / Regulations	(EC) No 1907/2006 (REACH) (EC) No 1272/2008 (EU) 2015/830 (EU) No 1357/2014
Further information	Correction in Section: 2