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Version: 8.3  
Effective date: 04/06/2023  
Previous Date: 18/10/2022

## SAFETY DATA SHEET

# Petroflo 21Y605 (PetroKare PK 85 A)

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

#### 1.1. Product identifier

Trade name or designation of the mixture Petroflo 21Y605 (PetroKare PK 85 A)

Issue date 21/02/2020

Version number 8.3

Revision date 04/06/2023

Supersedes date 18/10/2022

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

Identified uses Blend of neutralizing amines in 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

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

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

##### Health hazards

Acute toxicity, inhalation	Category 4	H332 - Harmful if inhaled.
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.
Specific target organ toxicity - single exposure	Category 3 respiratory tract irritation	H335 - May cause respiratory irritation.



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## Environmental hazards

Hazardous to the aquatic environment,  
long-term aquatic hazard

Category 3

H412 - Harmful to aquatic life with  
long lasting effects.

## 2.2. Label elements

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

Contains: Ethanolamine

## Hazard pictograms



Signal word: Danger

## Hazard statements

H314 Causes severe skin burns and eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H412 Harmful 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

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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: This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

## SECTION 3: Composition/information on ingredients

## Mixtures

## Chemical description

Aqueous solution of amines

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Ethanolamine	30 - < 40	141-43-5 205-483-3	01-2119486455-28	603-030-00-8	#
<b>Classification:</b> Acute Tox. 4;H302, Acute Tox. 4;H312, Acute Tox. 4;H332, Skin Corr. 1B;H314, STOT SE 3;H335, Aquatic Chronic 3;H412					
Diethanolamine	< 0,2	111-42-2 203-868-0	01-2119488930-28	603-071-00-1	
<b>Classification:</b> Acute Tox. 4;H302, Skin Irrit. 2;H315, Eye Dam. 1;H318, Repr. 2;H361d, Repr. 2;H361f, Repr. 2;H361fd, STOT RE 2;H373					

## List of abbreviations and symbols that may be used above

ATE: Acute toxicity estimate.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

#: This substance has been assigned Union workplace exposure limit(s).

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The full text for all H-statements is displayed in section 16.



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### SECTION 4: First aid measures

<b>General information</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>4.1. Description of first aid measures</b>	
<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a poison centre or doctor/physician if you feel unwell.
<b>Skin contact</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control centre immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.
<b>Ingestion</b>	Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

### SECTION 5: Firefighting measures

<b>General fire hazards</b>	No unusual fire or explosion hazards noted.
<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Alcohol resistant foam. Powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>5.2. Special hazards arising from the substance or mixture</b>	During fire, gases hazardous to health may be formed.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk. Prevent spillage and fire-fighting water from entering in public sewers or the immediate environment.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

### SECTION 6: Accidental release measures

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Do not breathe mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>For emergency responders</b>	Keep unnecessary personnel away. Ensure adequate ventilation. Avoid breathing mist/vapours. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.
<b>6.2. Environmental precautions</b>	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
<b>6.3. Methods and material for containment and cleaning up</b>	Prevent product from entering drains.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use.



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**6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** Do not breathe mist/vapours. Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. Alkaline. Do not mix with acidic material.
- 7.2. Conditions for safe storage, including any incompatibilities** Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Do not freeze. If frozen, thaw completely and mix thoroughly prior to use.
- 7.3. Specific end use(s)** Only for industrial users

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
Ethanolamine (CAS 141-43-5)	STEL	7,6 mg/m <sup>3</sup>
		3 ppm
	TWA	2,5 mg/m <sup>3</sup>
		1 ppm

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

**Recommended monitoring procedures** Follow standard monitoring procedures.

##### Derived no effect levels (DNELs)

##### Workers

Components	Value	Assessment factor	Notes
Diethanolamine (CAS 111-42-2)			
Long-term, Local, Inhalation	0,5 mg/m <sup>3</sup>	6	Repeated dose toxicity
Long-term, Systemic, Dermal	0,13 mg/kg	60	
Long-term, Systemic, Inhalation	0,75 mg/m <sup>3</sup>	10	Repeated dose toxicity
Ethanolamine (CAS 141-43-5)			
Long-term, Local, Inhalation	0,51 mg/m <sup>3</sup>		Repeated dose toxicity
Long-term, Systemic, Dermal	3 mg/kg	100	Repeated dose toxicity
Long-term, Systemic, Inhalation	1 mg/m <sup>3</sup>	75	Repeated dose toxicity

##### Predicted no effect concentrations (PNECs)

Components	Value	Assessment factor	Notes
Diethanolamine (CAS 111-42-2)			
Freshwater	0,021 mg/l	50	
Intermittent releases	0,095 mg/l	100	
Marine water	0,002 mg/l	500	
Secondary poisoning	1,04 mg/kg	90	Oral
Sediment (freshwater)	0,096 mg/kg		
Sediment (marine water)	0,009 mg/kg		
Soil	1,63 mg/kg	1000	
STP	100 mg/l	10	
Ethanolamine (CAS 141-43-5)			
Freshwater	0,07 mg/l	10	
Intermittent releases	28 µg/l		
Marine water	0,007 mg/l	100	
Sediment (freshwater)	0,357 mg/kg		
Sediment (marine water)	0,036 mg/kg		
Soil	1,29 mg/kg	1000	



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STP 100 mg/l 10

### Exposure guidelines

#### UK EH40 WEL: Skin designation

Ethanolamine (CAS 141-43-5)

Can be absorbed through the skin.

### 8.2. Exposure controls

#### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

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

##### General information

Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

##### Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield.  
 CEN : EN 166

##### Skin protection

###### - Hand protection

For prolonged or repeated skin contact use suitable protective gloves. Suitable gloves can be recommended by the glove supplier.

Gauntlet type neoprene gloves (Protection against unintentional short-term contact)

Gauntlet type nitrile gloves (Protection against unintentional short-term contact)

Gauntlet type rubber 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

Wear appropriate chemical resistant gloves.

###### - Other

Wear appropriate chemical resistant clothing.

CEN : EN ISO 13688; EN ISO 6530; EN ISO 6529; EN 14605

##### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. In case of insufficient ventilation, use a breathing mask with filter type: A2-P2

CEN : EN 140; EN 14387

##### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

#### Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

#### Environmental exposure controls

Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels. 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	Liquid
Physical state	Liquid.
Form	Liquid.
Colour	Colourless to yellow
Odour	Amine
Odour threshold	Not available.
pH (concentrated product)	12,3
Melting point/freezing point	-18 °C
Initial boiling point and boiling range	104 °C
Flash point	> 100 °C SETA(CC)



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Evaporation rate	< 1 (Ether = 1)
Flammability (solid, gas)	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	18 mm Hg
Vapour pressure temp.	21 °C
Vapour density	> 1 (Air = 1)
Relative density	1,01
Relative density temperature	21 °C
<b>Solubility(ies)</b>	
Solubility (water)	100 %
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	5 cps
Viscosity temperature	21 °C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
<b>9.2. Other information</b>	
pH in aqueous solution	11,1 (5% SOL.)
Pour point	-15 °C
Shelf life	720 days
VOC	32,4 % (Estimated)

#### SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Protect from freezing.
10.5. Incompatible materials	Strong acids. Strong oxidising agents.
10.6. Hazardous decomposition products	Carbon oxides. Nitrogen oxides (NOx).

#### SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.
<b>Information on likely routes of exposure</b>	
Inhalation	Harmful if inhaled.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns.
Symptoms	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

##### 11.1. Information on toxicological effects

Acute toxicity	Harmful if inhaled.
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### Petroflo 21Y605 (PetroKare PK 85 A)

Product	Species	Test Results
Petroflo 21Y605 (PetroKare PK 85 A)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	3235 mg/kg (Calculated according to GHS additivity formula)
<b>Inhalation</b>		
LC50	Rat	4,7 mg/l, 4 Hours (Calculated according to GHS additivity formula)
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg (Calculated according to GHS additivity formula)

Components	Species	Test Results
Diethanolamine (CAS 111-42-2)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	4000 mg/kg
<b>Oral</b>		
LD50	Rat	1600 mg/kg
Ethanolamine (CAS 141-43-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	1025 mg/kg
<b>Inhalation</b>		
<i>Vapour</i>		
LC50	Rat	> 1,5 mg/l, 4 hour
<b>Oral</b>		
LD50	Rat	1720 mg/kg
<b>Skin corrosion/irritation</b>	Causes severe skin burns and eye damage.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.	
<b>Respiratory sensitisation</b>	Based on available data, the classification criteria are not met.	
<b>Skin sensitisation</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>Carcinogenicity</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>Specific target organ toxicity - single exposure</b>	May cause respiratory irritation.	
<b>Specific target organ toxicity - repeated exposure</b>	Based on available data, the classification criteria are not met.	
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.	
<b>Mixture versus substance information</b>	No information available.	

### SECTION 12: Ecological information

12.1. Toxicity Harmful to aquatic life with long lasting effects.

Product	Species	Test Results
<b>Aquatic</b>		
Crustacea	LC50 Daphnia magna	600 mg/l, 48 hour (pH adjusted)



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Product		Species	Test Results
	LOEC	Mysid Shrimp	300 mg/l, 7 day (pH adjusted)
	NOEL	Daphnia magna	250 mg/l, 48 hour (pH adjusted)
		Mysid Shrimp	100 mg/l, 7 day (pH adjusted)
Fish	NOEL	Menidia beryllina (Silversides)	2000 mg/l, 7 day (pH adjusted)

### 12.2. Persistence and degradability

- COD (mgO<sub>2</sub>/g) 453 (calculated data)
- BOD 5 (mgO<sub>2</sub>/g) 192 (calculated data)
- BOD 28 (mgO<sub>2</sub>/g) 193 (calculated data)
- Closed Bottle Test (% Degradation in 28 days) 42 (calculated data)
- Zahn-Wellens Test (% Degradation in 28 days) 91 (calculated data)
- TOC (mg C/g) 126 (calculated data)

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water (log Kow)

- Diethanolamine 1,43
- Ethanolamine -1,31

#### Bioconcentration factor (BCF)

- Diethanolamine 3
- Ethanolamine 3

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

### 12.6. Other adverse effects

The product contains volatile organic compounds which have a photochemical ozone creation potential.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

According to Hazardous Waste Regulations.  
 European List of Wastes (LoW) 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 codes may be applicable too.

**Disposal methods/information** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

According to Hazardous Waste Regulations.  
 European List of Wastes (LoW) 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 codes may be applicable too.

**Special precautions** Dispose in accordance with all applicable regulations.



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#### SECTION 14: Transport information

##### ADR

- 14.1. UN number or ID number UN2491
- 14.2. UN proper shipping name ETHANOLAMINE SOLUTION
- 14.3. Transport hazard class(es)
- Class 8
  - Subsidiary risk -
  - Tunnel restriction code (E)
- 14.4. Packing group III
- 14.5. Environmental hazards No.
- 14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

##### RID

- 14.1. UN number or ID number UN2491
- 14.2. UN proper shipping name ETHANOLAMINE SOLUTION
- 14.3. Transport hazard class(es)
- Class 8
  - Subsidiary risk -
- 14.4. Packing group III
- 14.5. Environmental hazards No.
- 14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

##### ADN

- 14.1. UN number or ID number UN2491
- 14.2. UN proper shipping name ETHANOLAMINE SOLUTION
- 14.3. Transport hazard class(es)
- Class 8
  - Subsidiary risk -
- 14.4. Packing group III
- 14.5. Environmental hazards No.
- 14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

##### IATA

- 14.1. UN number or ID number UN2491
- 14.2. UN proper shipping name ETHANOLAMINE SOLUTION
- 14.3. Transport hazard class(es)
- Class 8
  - Subsidiary risk -
- 14.4. Packing group III
- 14.5. Environmental hazards No.
- ERG Code Not available.
- 14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

##### IMDG

- 14.1. UN number or ID number UN2491
- 14.2. UN proper shipping name ETHANOLAMINE SOLUTION



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

Class 8

Subsidiary risk -

14.4. Packing group III

#### 14.5. Environmental hazards

Marine pollutant No.

EmS F-A, S-B

14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

14.7. Maritime transport in bulk according to IMO instruments Not established.

ADN; ADR; IATA; IMDG; RID



## SECTION 15: Regulatory information

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

#### Retained direct EU regulations

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

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), 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

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

Ethanolamine (CAS 141-43-5)

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#### Other EU regulations

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

Not listed.



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### Other regulations

This product is classified and labelled in accordance with the retained CLP Regulation (EC) No 1272/2008, as amended for Great Britain. This Safety Data Sheet is compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758.

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended. Use of this product by young persons under the age of 18 is not allowed in accordance with the Management of Health and Safety at Work Regulations 1999 [SI 1999/3242], as amended.

**15.2. Chemical safety assessment** No Chemical Safety Assessment has been carried out.

### 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

ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.  
 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
 CAS: Chemical Abstract Service.  
 CEN: European Committee for Standardization.  
 CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.  
 EC50: Effective Concentration 50%.  
 IATA: International Air Transport Association.  
 IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.  
 IMDG: International Maritime Dangerous Goods.  
 LC50: Lethal Concentration 50%.  
 LD50: Lethal Dose 50%.  
 MARPOL: International Convention for the Prevention of Pollution from Ships.  
 NOEL: No observed effect level.  
 PBT: Persistent, bioaccumulative and toxic.  
 RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.  
 STEL: Short term exposure limit.  
 TOC: Total Organic Carbon.  
 TWA: Time Weighted Average.  
 vPvB: Very persistent and very bioaccumulative.  
 COD: Chemical Oxygen Demand  
 EC-No: European Commission Number  
 BOD: Biochemical oxygen demand.  
 Safety data sheets of raw materials.

### References

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

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

#### Full text of any statements, which are not written out in full under sections 2 to 15

H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H315 Causes skin irritation.  
 H318 Causes serious eye damage.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H361d Suspected of damaging the unborn child.



P&WC

## SAFETY DATA SHEET

# Petroflo 21Y605 (PetroKare PK 85 A)

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	H361f Suspected of damaging fertility. H361fd Suspected of damaging fertility. Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure by ingestion. H412 Harmful to aquatic life with long lasting effects.
<b>Revision information</b>	This document has undergone significant changes and should be reviewed in its entirety.
<b>Training information</b>	Follow training instructions when handling this material.
<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available.
<b>Based on EC Directive / Regulations</b>	(EC) No 1907/2006 (REACH) (EC) No 1272/2008  (EU) No 1357/2014
<b>Further information</b>	Correction in Section: 2,3,6,9,11,12