		Page: 1
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
Praestol™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

**Conforms to EU Regulation 1907/2006/EC as amended.**

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

### **1.1 Product identifier**

Trade name : Praestol™ 2214-EU  
FLOCCULANT  
™ Trademark, Solenis or its subsidiaries or affiliates,  
registered in various countries

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

Use of the Substance/Mixture : Industrial chemical

<b>1.3 Details of the supplier of the safety data sheet</b> Solenis Pesetastraat 62 2991 XT Barendrecht Netherlands  Solenis UK Industries Limited P. O. Box 38, Cleckheaton Rd, Low Moor, Bradford, BD12 0JZ, United Kingdom  <b>E-mail address of person responsible for the SDS:</b> EHSPRODUCTSAFETYTEAM@solenis.com  <b>Product Information</b> Contact your local Solenis representative	<b>1.4 Emergency telephone number</b> +1-302-502-0991 , or contact your local emergency telephone number at 112
---	---

## **SECTION 2: Hazards identification**

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


#### **Classification (REGULATION (EC) No 1272/2008)**

Eye irritation, Category 2

H319: Causes serious eye irritation.

### **2.2 Label elements**

#### **Labelling (REGULATION (EC) No 1272/2008)**

	Page: 2
<b>SAFETY DATA SHEET</b>	Revision Date: 24.06.2022
	Print Date: 13.07.2022
	SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690	Version: 2.0

Hazard pictograms :



Signal word :

Warning

Hazard statements :

H319 Causes serious eye irritation.

Supplemental Hazard Statements :

EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements :

**Prevention:**

P264 Wash skin thoroughly after handling.

P280 Wear eye protection/ face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.


Material can create slippery conditions.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	Not Assigned 920-107-4 01-2119453414-43-xxxx	Asp. Tox. 1; H304 EUH066	>= 15 - < 25

	Page: 3
<b>SAFETY DATA SHEET</b>	Revision Date: 24.06.2022
	Print Date: 13.07.2022
	SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690	Version: 2.0

Ethoxylated alcohols (C12-16)	68551-12-2	Acute Tox. 4; H302 Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 1 - < 2,5
Ethoxylated alcohols (C12-18)	68213-23-0	Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 3; H412	>= 0,5 - < 1

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures


- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If breathed in, move person into fresh air.  
If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Protect unharmed eye.
- If swallowed : Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

### 4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:  
irritation (nose, throat, airways)
- Risks : Causes serious eye irritation.  
Repeated exposure may cause skin dryness or cracking.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No hazards which require special first aid measures.

		Page: 4
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
 Water spray  
 Foam  
 Carbon dioxide (CO<sub>2</sub>)  
 Dry chemical

Unsuitable extinguishing media : High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.  
 Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Carbon monoxide  
 Carbon dioxide (CO<sub>2</sub>)  
 Nitrogen oxides (NO<sub>x</sub>)

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.


Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Material can create slippery conditions.  
 Water may cause extremely slippery conditions.  
 Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: Accidental release measures

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

Personal precautions : Material can create slippery conditions.  
 Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.  
 Comply with all applicable federal, state, and local regulations.

		Page: 5
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

## 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

## 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

## 6.4 Reference to other sections

For further information see Section 8 and Section 13 of the safety data sheet.

# SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

Advice on safe handling : Avoid spillage on floor as the product can become very slippery.  
Do not breathe vapours/dust.  
Do not smoke.  
Container hazardous when empty.  
Avoid contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.  
For personal protection see section 8.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Wash hands before breaks and at the end of workday. When using do not eat or drink. When using do not smoke.


## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage stability : No decomposition if stored and applied as directed.

## 7.3 Specific end use(s)

Specific use(s) : No data available

		Page: 6
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
Praestol™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Engineering measures

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.


#### Personal protective equipment

Eye protection	: Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.
Hand protection Material	: PVC or other plastic material gloves
Remarks	: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Skin and body protection	: Wear as appropriate: Impervious clothing Safety shoes Choose body protection according to the amount and concentration of the dangerous substance at the work place. Wear resistant gloves (consult your safety equipment supplier).
Respiratory protection	: Respiratory protection is not required under normal conditions of use.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	: liquid
Colour	: white
Odour	: No data available
Odour Threshold	: No data available
Melting point/freezing point	: No data available
Boiling point/boiling range	: > 100 °C

		Page: 7
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

Flammability : No data available  
 Upper explosion limit / Upper flammability limit : No data available  
 Lower explosion limit / Lower flammability limit : No data available  
 Flash point : > 100 °C  
 Decomposition temperature : No data available  
 pH : 6 - 8  
 Viscosity  
     Viscosity, dynamic : < 4.000 mPa.s (20 °C)  
     Viscosity, kinematic : > 21 mm<sup>2</sup>/s (40 °C)  
 Solubility(ies)  
     Water solubility : No data available  
     Solubility in other solvents : No data available  
 Partition coefficient: n-octanol/water : No data available  
 Vapour pressure : No data available  
 Relative density : No data available  
 Density : 1,05 g/cm<sup>3</sup> (25 °C)  
 Relative vapour density : No data available

## 9.2 Other information


Oxidizing properties : No data available  
 Self-ignition : No data available  
 Evaporation rate : No data available

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

		Page: 8
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

## 10.2 Chemical stability

Stable under recommended storage conditions.

## 10.3 Possibility of hazardous reactions

Hazardous reactions : Product will not undergo hazardous polymerization.

## 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

## 10.5 Incompatible materials

Materials to avoid : Strong oxidizing agents

## 10.6 Hazardous decomposition products

Hazardous decomposition products : Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxides (NO<sub>x</sub>)

---

# SECTION 11: Toxicological information

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Acute toxicity

Not classified based on available information.

### Components:

#### Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC 50 (Rat): > 4.951 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rabbit): > 5.000 mg/kg

#### Ethoxylated alcohols (C12-16):

Acute oral toxicity : LD50 (Rat): 1.380 mg/kg

#### Ethoxylated alcohols (C12-18):


Acute oral toxicity : LD50 (Rat): > 2.000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2.000 mg/kg

### Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.



		Page: 9
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

**Product:**

Remarks : May cause skin irritation in susceptible persons.

**Components:**

**Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

Result : Mildly irritating to skin

Result : Repeated exposure may cause skin dryness or cracking.

**Ethoxylated alcohols (C12-16):**

Result : Not irritating to skin

**Ethoxylated alcohols (C12-18):**

Result : Not irritating to skin

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Product:**

Remarks : Vapours may cause irritation to the eyes, respiratory system and the skin.  
Causes serious eye irritation.

**Components:**

**Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

Result : Mildly irritating to eyes

**Ethoxylated alcohols (C12-16):**

Result : Risk of serious damage to eyes.

**Ethoxylated alcohols (C12-18):**

Result : Corrosive

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified based on available information.

**Respiratory sensitisation**


Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

		Page: 10
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

#### STOT - repeated exposure

Not classified based on available information.

#### Aspiration toxicity

Not classified based on available information.

#### Components:

#### Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

May be fatal if swallowed and enters airways.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

##### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### Further information

##### Product:

Remarks : No data available

## SECTION 12: Ecological information


### 12.1 Toxicity

#### Components:

#### Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Test substance: WAF  
Remarks: Information given is based on data obtained from similar substances.

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): > 1.000 mg/l  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202

		Page: 11
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

Remarks: Information given is based on data obtained from similar substances.

#### Ethoxylated alcohols (C12-16):


- Toxicity to fish : LC50 (Fish): > 1 - 10 mg/l  
Exposure time: 96 h  
Test Type: static test
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): > 1 - 10 mg/l  
Exposure time: 48 h  
Test Type: static test
- Toxicity to algae/aquatic plants : ErC50 (green algae): > 0,1 - 1,0 mg/l  
Exposure time: 96 h  
Test Type: static test
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC50: 0,17 mg/l  
Exposure time: 21 d  
Species: Daphnia (water flea)

#### Ecotoxicology Assessment

- Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

#### Ethoxylated alcohols (C12-18):

- Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0,876 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: Directive 67/548/EEC, Annex V, C.1.  
Remarks: Information given is based on data obtained from similar substances.
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0,999 mg/l  
Exposure time: 48 h  
Test Type: static test
- Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 0,41 mg/l  
End point: Growth inhibition  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
Remarks: Information given is based on data obtained from similar substances.
- Toxicity to fish (Chronic toxicity) : NOEC: 0,16 mg/l  
Exposure time: 10 d  
Species: Lepomis macrochirus (Bluegill sunfish)  
Test Type: flow-through test
- Toxicity to daphnia and other : NOEC: 0,77 mg/l

		Page: 12
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

aquatic invertebrates  
(Chronic toxicity)

End point: Reproduction Test  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Test Type: flow-through test  
Remarks: Information given is based on data obtained from similar substances.

## 12.2 Persistence and degradability

### Components:

#### **Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 67,6 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
Remarks: Information given is based on data obtained from similar substances.

#### **Ethoxylated alcohols (C12-16):**

Biodegradability : Result: Readily biodegradable.

#### **Ethoxylated alcohols (C12-18):**

Biodegradability : Result: Readily biodegradable.  
Biodegradation: 95 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301F

## 12.3 Bioaccumulative potential

### Product:

Bioaccumulation : Remarks: The bioaccumulation potential cannot be determined.

### Components:

#### **Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics:**


Partition coefficient: n-octanol/water : log Pow: 6

#### **Ethoxylated alcohols (C12-18):**

Partition coefficient: n-octanol/water : log Pow: 5,16

## 12.4 Mobility in soil

No data available

		Page: 13
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

## 12.6 Endocrine disrupting properties

### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life.

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Do not re-use empty containers.

---


## SECTION 14: Transport information

### 14.1 UN number or ID number

**ADR:** Not dangerous goods

**ADN:** Not dangerous goods

**RID:** Not dangerous goods

		Page: 14
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

**IMDG-Code:** Not dangerous goods

**IATA-DGR:** Not dangerous goods

#### 14.2 UN proper shipping name

**ADR:** Not dangerous goods

**ADN:** Not dangerous goods

**RID:** Not dangerous goods

**IMDG-Code:** Not dangerous goods

**IATA-DGR:** Not dangerous goods

#### 14.3 Transport hazard class(es)

**ADR:** Not dangerous goods

**ADN:** Not dangerous goods

**RID:** Not dangerous goods

**IMDG-Code:** Not dangerous goods

**IATA-DGR:** Not dangerous goods

#### 14.4 Packing group

**ADR:** Not dangerous goods

**ADN:** Not dangerous goods

**RID:** Not dangerous goods

**IMDG-Code:** Not dangerous goods

**IATA-DGR:** Not dangerous goods

#### 14.5 Environmental hazards

**ADR:** Not applicable

**ADN:** Not applicable

**RID:** Not applicable

**IMDG-Code:** Not applicable

**IATA-DGR:** Not applicable


#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

		Page: 15
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0


## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)		: Conditions of restriction for the following entries should be considered: Number on list 3
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).		: Not applicable
REACH - List of substances subject to authorisation (Annex XIV)		: Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer		: Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)		: Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)		: Not applicable
Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals		: Not applicable
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.	34	Petroleum products: (a) gasolines and naphthas, (b) kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams), (d) heavy fuel oils (e) alternative fuels serving the same purposes and with similar properties as regards flammability and environmental hazards as the products referred to in points (a) to (d)

#### The components of this product are reported in the following inventories:

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: All substances listed as active on the TSCA inventory
AICS	: On the inventory, or in compliance with the inventory
DSL	: All components of this product are on the Canadian DSL

	Page: 16
<b>SAFETY DATA SHEET</b>	Revision Date: 24.06.2022
	Print Date: 13.07.2022
	SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690	Version: 2.0

ENCS	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

## 15.2 Chemical safety assessment

No data available

## SECTION 16: Other information

### Further information

Revision Date: 24.06.2022

### Classification of the mixture:

Eye Irrit. 2                      H319

### Classification procedure:

Calculation method

### Full text of H-Statements


H302	: Harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H318	: Causes serious eye damage.
H400	: Very toxic to aquatic life.
H412	: Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Asp. Tox.	: Aspiration hazard
Eye Dam.	: Serious eye damage

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50



		Page: 17
<b>SAFETY DATA SHEET</b>		Revision Date: 24.06.2022
		Print Date: 13.07.2022
		SDS Number: 000000264662
PraestoI™ 2214-EU FLOCCULANT ™ Trademark, Solenis or its subsidiaries or affiliates, registered in various countries 869690		Version: 2.0

- Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Sources of key data used to compile the Safety Data Sheet

Key literature references and sources of data

SOLENIS Internal data

SOLENIS internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

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. This SDS has been prepared by the Solenis Environmental Health and Safety Department.

GB / EN