

TRANSNET DDPA - TN021000

SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

>SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : TRANSNET DDPA

Product code : TN021000.

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

Freshener disinfectant detergent

1.3. Details of the supplier of the safety data sheet

Registered company name : TRANSNET .

Address : Parc Industriel de la Plaine de l'Ain - 225 allée des Cèdres.01150.Saint-Vulbas.France.

Telephone : 33-(0)4-74-40-21-00. Fax : 33-(0)4-74-40-21-01.

fds@orapi.com

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

> Other emergency numbers

Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

>SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

> In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).

Serious eye damage, Category 1 (Eye Dam. 1, H318).

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

Biocidal detergent mixture (see section 15).

> In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

EC 931-138-8

ISOTRIDECANOL, ETHOXYLATED

EC 270-325-2

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Additional labeling :

EUH208

Contains ETHYL METHYLPHENYLGLYCIDATE. May produce an allergic reaction.

Hazard statements :

H315

Causes skin irritation.

H318

Causes serious eye damage.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P273

Avoid release to the environment.

P280

Wear protective gloves, eye protection, face protection.

Precautionary statements - Response :

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor if you feel unwell.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
Precautionary statements - Disposal :
P501 Dispose of contents and container in accordance with local regulations.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

>SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

> Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60 (2-METHOXYMETHYLETHOXY)PROPANOL		[1]	$2.5 \leq x \% < 10$
CAS: 69011-36-5 EC: 931-138-8 ISOTRIDECANOL, ETHOXYLATED	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		$2.5 \leq x \% < 10$
CAS: 68424-85-1 EC: 270-325-2 QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1		$1 \leq x \% < 2.5$
CAS: 93-04-9 EC: 202-213-6 2-METHOXY NAPHTHALENE (NEROLIN YARA YARA)	GHS07, GHS09 Wng Acute Tox. 4, H302 Aquatic Chronic 1, H410 M Chronic = 1		$0 \leq x \% < 1$
CAS: 77-83-8 EC: 201-061-8 REACH: 01-2119967770-28 ETHYL METHYLPHENYLGLYCIDATE	GHS07, GHS09 Wng Skin Sens. 1B, H317 Aquatic Chronic 2, H411		$0 \leq x \% < 1$

(Full text of H-phrases: see section 16)

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

>SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

> In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.
Bring to the fresh air.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.
Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

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> In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention immediately, showing the label.

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

No data available.

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

No data available.

>SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

> Suitable methods of extinction

Foam, CO2, powder

> Unsuitable methods of extinction

Water jets

> 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Neutralise with an acidic decontaminant.

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

Fire prevention :

Prevent access by unauthorised personnel.

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Recommended equipment and procedures :

For personal protection, see section 8.
Observe precautions stated on label and also industrial safety regulations.
Avoid eye contact with this mixture at all times.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep the container away from heat, bad weather, dampness and freezing.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

>SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- European Union (2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE) :

CAS	VME-mg/m ³ :	VME-ppm :	VLE-mg/m ³ :	VLE-ppm :	Notes :
34590-94-8	308	50	-	-	Peau

- France (INRS - ED984 / 2019-1487) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
34590-94-8	50	308	-	-	*	84

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	50 ppm 308 mg/m ³	- ppm - mg/m ³		Sk	

- Belgium (Arrêté du 09/03/2014, 2014) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	50 ppm 308 mg/m ³			D	

- Switzerland (SUVAPRO 2017) :

CAS	VME	VLE	Valeur plafond	Notations
34590-94-8	50 ppm 300 mg/m ³	50 ppm 300 mg/m ³		

> Derived no effect level (DNEL) or derived minimum effect level (DMEL):

ETHYL METHYLPHENYLGLYCIDATE (CAS: 77-83-8)

Final use:	Workers.
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	0.7 mg/kg body weight/day

Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	2.45 mg of substance/m ³

Final use:	Consumers.
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	0.35 mg/kg body weight/day

Exposure method:	Dermal contact.
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Potential health effects: Long term systemic effects.
DNEL : 0.35 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 0.61 mg of substance/m3

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

> **Final use:** **Workers.**
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 283 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 308 mg of substance/m3

> **Final use:** **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 36 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 121 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 37.2 mg of substance/m3

> **Predicted no effect concentration (PNEC):**

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Environmental compartment: Soil.
PNEC : 2.74 mg/kg

Environmental compartment: Fresh water.
PNEC : 19 mg/l

Environmental compartment: Sea water.
PNEC : 1.9 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 190 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 70.2 mg/kg

Environmental compartment: Marine sediment.
PNEC : 7.02 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 4168 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.
Store personal protective equipment in a clean place, away from the work area.

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Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

> - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Recommended properties :

- Impervious gloves in accordance with standard EN ISO 374-2

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

>SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state : Fluid liquid.

Odor : Strawberry

Color : dark pink

> Important health, safety and environmental information

pH : 8.50 .
Slightly basic.

Boiling point/boiling range : 100 °C.

Flash point interval : Not relevant.

Vapour pressure (50°C) : Above 300 kPa (3 bar).

Density : 1.000 +/- 0.005

Water solubility : Soluble.

Melting point/melting range : Not relevant.

Self-ignition temperature : Not relevant.

Decomposition point/decomposition range : Not relevant.

9.2. Other information

No data available.

>SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

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> 10.4. Conditions to avoid

Avoid :
- frost

> 10.5. Incompatible materials

> 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

>SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

11.1.1. Substances

> Acute toxicity :

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

Oral route : 300 < LD50 ≤ 2000 mg/kg
Species : Rat

Dermal route : LD50 > 2000 mg/kg
Species : Rabbit

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)

Oral route : LD50 = 8740 mg/kg
Species : Rat

Dermal route : LD50 = 9510 mg/kg
Species : Rabbit

Inhalation route (Dusts/mist) : LC50 = 3404.47 mg/l
Species : Rat

> Skin corrosion/skin irritation :

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

Irritation : No observed effect.
Average score < 1.5

> Serious damage to eyes/eye irritation :

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

Causes serious eye damage.
Corneal haze : Average score ≥ 3
Species : Rabbit

> Respiratory or skin sensitisation :

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

Guinea Pig Maximisation Test (GMPT) : Non-sensitiser.

> Germ cell mutagenicity :

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

No mutagenic effect.

> Carcinogenicity :

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

Carcinogenicity Test : Negative.
No carcinogenic effect.

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> Reproductive toxicant :

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

No toxic effect for reproduction

> 11.1.2. Mixture

> Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

>SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

> 12.1.1. Substances

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES (CAS: 68424-85-1)

Fish toxicity :

LC50 = 0.85 mg/l

Factor M = 1

Species : *Oncorhynchus mykiss*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 = 0.016 mg/l

Factor M = 10

Species : *Daphnia magna*

Duration of exposure : 48 h

NOEC = 0.025 mg/l

Species : *Daphnia magna*

OECD Guideline 211 (*Daphnia magna* Reproduction Test)

Algae toxicity :

ECr50 = 0.02 mg/l

Factor M = 10

Species : *Scenedesmus capricornutum*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

EC10 mg/l

Factor M = 1

Species : *Selenastrum capricornutum*

Duration of exposure : 72 h

OECD Guideline 201 (Alga, Growth Inhibition Test)

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)

Fish toxicity :

LC50 > 1 mg/l

Species : *Cyprinus carpio*

Duration of exposure : 96 h

OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity :

EC50 > 1 mg/l

Species : *Daphnia magna*

Duration of exposure : 48 h

OECD Guideline 202 (*Daphnia* sp. Acute Immobilisation Test)

NOEC = 2.6 mg/l

Species : *Daphnia magna*

Duration of exposure : 21 days

OECD Guideline 211 (*Daphnia magna* Reproduction Test)

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Algae toxicity : ECr50 > 1 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)
Fish toxicity : LC50 > 1000 mg/l
Species : *Poecilia reticulata*
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 1919 mg/l
Species : *Daphnia magna*
Duration of exposure : 48 h

Algae toxicity : ECr50 > 969 mg/l
Species : *Pseudokirchnerella subcapitata*
Duration of exposure : 96 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

> **12.2.1. Substances**

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES (CAS: 68424-85-1)
Biodegradability : Rapidly degradable.

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)
Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)
Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

> **12.3.1. Substances**

ISOTRIDECANOL, ETHOXYLATED (CAS: 69011-36-5)
Octanol/water partition coefficient : log K_{ow} > 5000

(2-METHOXYMETHYLETHOXY)PROPANOL (CAS: 34590-94-8)
Octanol/water partition coefficient : log K_{ow} < 3

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

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Soiled packaging :

Empty container completely. Keep label(s) on container.
Give to a certified disposal contractor.

>SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

> 14.1. UN number

-

> 14.2. UN proper shipping name

-

> 14.3. Transport hazard class(es)

-

> 14.4. Packing group

-

> 14.5. Environmental hazards

-

> 14.6. Special precautions for user

-

>SECTION 15 : REGULATORY INFORMATION

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

> - Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2017/776 (ATP 10)

- Container information:

No data available.

- Particular provisions :

No data available.

- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :

- less than 5 % : nonionic surfactants

- disinfectants

- perfumes

- allergenic fragrances :

geraniol

> - Labelling for biocidal products (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC) :

Name	CAS	%	Product-type
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES	68424-85-1	14.00 g/kg	04

Product-type 4 : Food and feed area.

15.2. Chemical safety assessment

No data available.

>SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

> Wording of the phrases mentioned in section 3 :

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

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H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
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.

> Abbreviations :

DNEL : Derived No-Effect Level
PNEC : Predicted No-Effect Concentration
ADR : European agreement concerning the international carriage of dangerous goods by Road.
IMDG : International Maritime Dangerous Goods.
IATA : International Air Transport Association.
ICAO : International Civil Aviation Organisation
RID : Regulations concerning the International carriage of Dangerous goods by rail.
WGK : Wassergefährdungsklasse (Water Hazard Class).
GHS05 : Corrosion
PBT: Persistent, bioaccumulable and toxic.
vPvB : Very persistent, very bioaccumulable.
SVHC : Substances of very high concern.