

TRANSNET PLATINIUM - TN05050

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 PLATINIUM
Product code : TN05050.

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

Alkaline cleaner
Cleaner for bodyworks
Professional use

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>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Substance that is corrosive to metals, Category 1 (Met. Corr. 1, H290).
Skin corrosion, Category 1 (Skin Corr. 1, H314).
Serious eye damage, Category 1 (Eye Dam. 1, H318).
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2. Label elements

Detergent mixture (see section 15).

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

Hazard pictograms :



GHS05

Signal Word :

DANGER

Product identifiers :

CAS 157627-86-6	ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED
CAS 68439-46-3	ALCOHOLS C9-11 ETHOXYLATED
EC 204-812-8	ESTER SODIUM SALT MONO (2-ETHYLHEXYL) SULFURIC ACID
EC 500-234-8	LAURYL ETHER SULFATE DE SODIUM
EC 215-185-5	SODIUM HYDROXIDE
EC 931-700-2	BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Hazard statements :

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.

Precautionary statements - Prevention :

P280	Wear protective gloves/protective clothing/eye protection/face protection.
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Precautionary statements - Response :

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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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.

P310

Immediately call a POISON CENTER or doctor/physician.

P390

Absorb spillage to prevent material damage.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 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	%
INDEX: 7627 CAS: 157627-86-6 ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED	GHS05, GHS09 Dgr Eye Dam. 1, H318 Aquatic Chronic 3, H412 Aquatic Acute 1, H400 M Acute = 1		2.5 <= x % < 10
INDEX: 0586 CAS: 68439-46-3 ALCOHOLS C9-11 ETHOXYLATED	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		2.5 <= x % < 10
INDEX: 0094 CAS: 126-92-1 EC: 204-812-8 REACH: 01-2119971586-23 ESTER SODIUM SALT MONO (2-ETHYLHEXYL) SULFURIC ACID	GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318		2.5 <= x % < 10
INDEX: 68891383 CAS: 68891-38-3 EC: 500-234-8 REACH: 01-2119488639-16 LAURYL ETHER SULFATE DE SODIUM	GHS05 Dgr Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412		0 <= x % < 2.5
INDEX: 1310_73_2 CAS: 1310-73-2 EC: 215-185-5 REACH: 01-2119457892-27 SODIUM HYDROXIDE	GHS05 Dgr Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318	[1]	0 <= x % < 2.5
INDEX: 931_7002A EC: 931-700-2 REACH: 01-2119529251-48 BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL	GHS05 Dgr Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412		0 <= x % < 2.5

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 :

Do not absorb nothing by mouth

Consult a physician in case of disorder.

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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.

In the event of splashes or contact with skin :

Remove any soiled or splashed clothing immediately.

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

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 contact with skin, rinse with water for at least 15 minutes. Consult a doctor.

In the event of swallowing :

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

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

If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

Keep warm. Do not induce vomiting.

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

In the event of a fire, use :

- sprayed water or water mist
- foam
- powder
- carbon dioxide (CO2)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters

Due to the toxicity of the gaz emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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.

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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.

Ensure adequate ventilation, especially in confined areas.

Fire prevention :

Prevent access by unauthorised personnel.

Handle in well ventilated areas.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

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

The floor must be impermeable and form a collecting basin so that in case of accidental spillage, the liquid can not spread beyond.

Keep container tightly closed and in a cool, dry and well-ventilated place.

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 :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2			2 mg/m3		

- France (INRS - ED984 :2012) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
1310-73-2	-	2	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
1310-73-2		2 mg/m3			

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

BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Final use:

Exposure method:

Potential health effects:

DNEL :

Exposure method:

Potential health effects:

Workers.

Dermal contact.

Long term systemic effects.

60.42 pg/kg body weight/day

Inhalation.

Long term systemic effects.

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DNEL : 63.6 mg of substance/m3

Final use:

Exposure method:
Potential health effects:
DNEL :

Consumers.

Ingestion.
Long term systemic effects.
3.63 mg/kg body weight/day

Exposure method:
Potential health effects:
DNEL :

Dermal contact.
Long term systemic effects.
36.25 mg/kg body weight/day

SODIUM HYDROXIDE (CAS: 1310-73-2)

Final use:

Exposure method:
Potential health effects:
DNEL :

Workers.

Inhalation.
Long term local effects.
1 mg of substance/m3

Predicted no effect concentration (PNEC):

BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Environmental compartment: Soil.
PNEC : 0.002 mg/kg

Environmental compartment: Fresh water.
PNEC : 0.0135 mg/l

Environmental compartment: Sea water.
PNEC : 0.00135 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 0.0013 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 0.028 mg/kg

Environmental compartment: Marine sediment.
PNEC : 0.0028 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 2.7 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.

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.

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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.

Type of gloves recommended :

- Natural latex
- PVC (polyvinyl chloride)
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

- Impervious gloves in accordance with standard EN374

- 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.

Wear suitable protective clothing, in particular overalls and boots. These items must be kept in good condition and cleaned after use.

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.

Color: orange

Important health, safety and environmental information

pH :	12.80 0.5. Strongly basic.
pH (aqueous solution) :	11.5 - 12 (5%)
Boiling point/boiling range :	Not specified.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	1.065 +/- 0.005 (20°C)
Water solubility :	Soluble.
Melting point/melting range :	Not specified.
Self-ignition temperature :	Not specified.
Decomposition point/decomposition range :	Not specified.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity

Mixture which by chemical action can corrode and even destroy metals.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Exposed to high temperatures, the mixture may release dangerous decomposition products, such as carbon monoxide and dioxide, smoke and nitrogen oxide.

10.4. Conditions to avoid

Avoid :

- frost
- heat
- exposure to light

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10.5. Incompatible materials

Keep away from :

- acids
- strong acids
- metals

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure for up to three minutes.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

11.1.1. Substances

Acute toxicity :

BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Oral route : LD₅₀ = 3202.5 mg/kg
Species : Rat

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

ESTER SODIUM SALT MONO (2-ETHYLHEXYL) SULFURIC ACID (CAS: 126-92-1)

Oral route : LD₅₀ > 2000 mg/kg
Species : Rat (recommended by the CLP)

Dermal route : LD₅₀ > 500 mg/kg
Species : Rabbit (recommended by the CLP)

Inhalation route (Dusts/mist) : LC₅₀ >= 5 mg/l
Species : Mouse

Skin corrosion/skin irritation :

BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Corrosivity : Causes severe skin burns.
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Specific target organ systemic toxicity - repeated exposure :

BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Oral route : C = 145 mg/kg bodyweight/day
Species : Rat
Duration of exposure : 90 days
OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

11.1.2. Mixture

Skin corrosion/skin irritation :

Corrosive classification is based on an extreme pH value.

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SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

Crustacean toxicity : 0.1 < EC50 <= 1 mg/l
Factor M = 1
Species : Daphnia magna
Duration of exposure : 48 h

BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Fish toxicity : LC50 = 4.44 mg/l
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Algae toxicity : ECr50 = 1.7 mg/l
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

LAURYL ETHER SULFATE DE SODIUM (CAS: 68891-38-3)

Fish toxicity : LC50 = 7.1 mg/l
Species : Danio rerio
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 7.4 mg/l
Duration of exposure : 48 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity : ECr50 = 27.7 mg/l
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 0.95 mg/l
Duration of exposure : 72 h

ALCOHOLS C9-11 ETHOXYLATED (CAS: 68439-46-3)

Fish toxicity : LC50 = 12 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 5.4 mg/l
Duration of exposure : 48 h

NOEC = 2.58 mg/l
Duration of exposure : 21 days

Algae toxicity : ECr50 > 8.9 mg/l
Duration of exposure : 72 h

NOEC = 8.9 mg/l
Duration of exposure : 72 h

ESTER SODIUM SALT MONO (2-ETHYLHEXYL) SULFURIC ACID (CAS: 126-92-1)

Fish toxicity : LC50 > 1 mg/l
Duration of exposure : 96 h

Crustacean toxicity : 1 < EC50 <= 10 mg/l

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Algae toxicity : 1 < EC₅₀ ≤ 10 mg/l

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

12.2.1. Substances

BETAINES, C12-14 (EVEN NUMBERED)-ALKYLDIMETHYL

Biodegradability : Rapidly degradable.

LAURYL ETHER SULFATE DE SODIUM (CAS: 68891-38-3)

Biodegradability : Rapidly degradable.

ESTER SODIUM SALT MONO (2-ETHYLHEXYL) SULFURIC ACID (CAS: 126-92-1)

Biodegradability : Rapidly degradable.

ALCOHOLS C9-11 ETHOXYLATED (CAS: 68439-46-3)

Biodegradability : Rapidly degradable.

ALCOHOLS, C13-15, BRANCHED AND LINEAR, ETHOXYLATED (CAS: 157627-86-6)

Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

ALCOHOLS C9-11 ETHOXYLATED (CAS: 68439-46-3)

Bioaccumulation : BCF < 800

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.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2015 - IMDG 2014 - ICAO/IATA 2016).

14.1. UN number

3267

14.2. UN proper shipping name

UN3267=CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.

(sodium hydroxide, ester sodium salt mono (2-ethylhexyl) sulfuric acid)

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14.3. Transport hazard class(es)

- Classification :



8

14.4. Packing group

III

14.5. Environmental hazards

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14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C7	III	8	80	5 L	274	E1	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	8	-	III	5 L	F-A,S-B	223 274	E1

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	III	852	5 L	856	60 L	A3 A803	E1
	8	-	III	Y841	1 L	-	-	A3 A803	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

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. 2016/1179. (ATP 9)

- Container information:

No data available.

- Particular provisions :

No data available.

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

- less than 5 % : phosphonates
- less than 5 % : anionic surfactants
- less than 5 % : amphoteric surfactants
- 5 % or over but less than 15 % : nonionic surfactants
- perfumes

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 :

H290 May be corrosive to metals.

H302 Harmful if swallowed.

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H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful 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.