

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

1.1 Product identifier

- Trade name PROXITANE® 0510

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

Uses of the Substance/Mixture

- Cleaning agent
- Disinfectants and general biocidal products
- Oxidizing Agents

1.3 Details of the supplier of the safety data sheet

Company

SOLVAY CHEMICALS INTERNATIONAL SA
RUE DE RANSBEEK, 310
1120, BRUXELLES
BELGIUM
Tel: +32-2-2642111
Fax: +32-2-2641802

PEROXIDOS DO BRASIL Ltda
RUA JOAO LUNARDELLI, 1301 - CIC
81460-100, CURITIBA
BRAZIL
Tel: +55-41-33165200
Fax: +55-41-33165201

E-mail address

manager.sds@solvay.com

1.4 Emergency telephone number

+44(0)1235 239 671 [CareChem 24]

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification (UN)

Flammable liquids, Category 4	H227: Combustible liquid.
Oxidizing liquids, Category 2	H272: May intensify fire; oxidizer.
Corrosive to metals, Category 1	H290: May be corrosive to metals.
Acute toxicity, Category 4	H302: Harmful if swallowed.
Acute toxicity, Category 4	H332: Harmful if inhaled.
Acute toxicity, Category 4	H312: Harmful in contact with skin.
Skin corrosion, Sub-category 1B	H314: Causes severe skin burns and eye damage.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Specific target organ toxicity - single exposure, Category 3	H335: May cause respiratory irritation. (Respiratory system)
Acute aquatic toxicity, Category 2	H401: Toxic to aquatic life.
Chronic aquatic toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

2.2 Label elements

GHS label elements (UN)**Hazardous products which must be listed on the label**

- CAS-No. 7722-84-1 hydrogen peroxide
- CAS-No. 79-21-0 peracetic acid

Pictogram**Signal word**

- Danger

Hazard statements

- H227 Combustible liquid.
- H272 May intensify fire; oxidizer.
- H290 May be corrosive to metals.
- H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled.
- H314 Causes severe skin burns and eye damage.
- H335 May cause respiratory irritation.
- H401 Toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary statementsGeneral

- None

Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P220 Keep away from clothing and other combustible materials.
- P234 Keep only in original packaging.
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P264 Wash skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response

- P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
- 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.
- P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
- P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P370 + P378 In case of fire: Use water spray to extinguish.
- P390 Absorb spillage to prevent material damage.
- P391 Collect spillage.

Storage

- P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

Disposal

- P501 Dispose of contents/ container to an approved waste disposal plant.

2.3 Other hazards which do not result in classification

None known.

SECTION 3: Composition/information on ingredients**3.1 Substance**

- Not applicable, this product is a mixture.

3.2 Mixture

- Chemical nature Mixture

Information on Components and Impurities

Chemical name	CAS-No.	GHS Classification	Concentration [%]
hydrogen peroxide	CAS-No. : 7722-84-1	<p>Oxidizing liquids, Category 1 ; H271</p> <p>Acute toxicity, Category 4 ; H302</p> <p>Skin corrosion, Category 1A ; H314</p> <p>Serious eye damage, Category 1 ; H318</p> <p>Specific target organ toxicity - single exposure, Category 3 ; H335</p> <p>Acute aquatic toxicity, Category 2 ; H401</p> <p>Chronic aquatic toxicity, Category 3 ; H412</p> <p>Specific concentration limit:</p> <p>C: ≥ 70 %, Oxidizing liquids, Category 1; H271</p> <p>C: 50 - < 70 %, Oxidizing liquids, Category 2; H272</p> <p>C: ≥ 70 %, Skin corrosion, Category 1A; H314</p> <p>C: 50 - < 70 %, Skin corrosion, Category 1B; H314</p> <p>C: 35 - < 50 %, Skin irritation, Category 2; H315</p> <p>C: 8 - < 50 %, Serious eye damage, Category 1; H318</p> <p>C: 5 - < 8 %, Eye irritation, Category 2; H319</p> <p>C: ≥ 35 %, Specific target organ toxicity - single exposure, Category 3; H335</p> <p>C: ≥ 63 %, Chronic aquatic toxicity, Category 3; H412</p> <p>C: ≥ 63 %, Chronic aquatic toxicity, Category 4; Not classified</p>	≥ 15 - < 20
acetic acid	CAS-No. : 64-19-7	<p>Flammable liquids, Category 3 ; H226</p> <p>Acute toxicity, Category 5 ; H303</p> <p>Skin corrosion, Category 1A ; H314</p> <p>Serious eye damage, Category 1 ; H318</p> <p>Specific concentration limit:</p> <p>C: ≥ 90 %,</p>	≥ 15 - < 20

		<p>Skin corrosion, Category 1A; H314 C: 25 - < 90 %, Skin corrosion, Category 1B; H314 C: 10 - < 25 %, Skin irritation, Category 2; H315 C: 10 - < 25 %, Eye irritation, Category 2; H319 C: 2.5 - < 10 %, Skin irritation, Category 3; H316</p>	
peracetic acid	CAS-No. : 79-21-0	<p>Flammable liquids, Category 3 ; H226 Organic peroxides, Type D ; H242 Acute toxicity, Category 4 ; H302 Acute toxicity, Category 4 ; H312 Skin corrosion, Category 1A ; H314 Serious eye damage, Category 1 ; H318 Acute toxicity, Category 4 ; H332 Specific target organ toxicity - single exposure, Category 3 ; H335 Acute aquatic toxicity, Category 1 ; H400 Chronic aquatic toxicity, Category 1 ; H410</p> <p>M-Factor(Acute) : 1 M-Factor(Chronic) : 10</p> <p>Specific concentration limit:</p> <p>C: 0.25 - < 2.5 %, Chronic aquatic toxicity, Category 2; H411 C: 0.025 - < 0.25 %, Chronic aquatic toxicity, Category 3; H412 C: >= 25 %, Acute aquatic toxicity, Category 1; H400 C: 2.5 - < 25 %, Acute aquatic toxicity, Category 2; H401 C: 0.25 - < 2.5 %, Acute aquatic toxicity, Category 3; H402 C: >= 1 %, Specific target organ toxicity - single exposure, Category 3; H335 C: >= 2.5 %, Chronic aquatic toxicity, Category 1; H410</p>	>= 5 - < 10

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of inhalation

- Move to fresh air.
- Oxygen or artificial respiration if needed.
- Victim to lie down in the recovery position, cover and keep him warm.
- Call a physician immediately.

In case of skin contact

- Take off contaminated clothing and shoes immediately.
- Wash off immediately with plenty of water.
- Keep warm and in a quiet place.
- Call a physician or poison control centre immediately.
- Wash contaminated clothing before re-use.

In case of eye contact

- Call a physician or poison control centre immediately.
- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- In the case of difficulty of opening the lids, administer an analgesic eye wash (oxybuprocaine).
- Take victim immediately to hospital.

In case of ingestion

- Call a physician or poison control centre immediately.
- Take victim immediately to hospital.
- If swallowed, rinse mouth with water (only if the person is conscious).
- Do NOT induce vomiting.
- Artificial respiration and/or oxygen may be necessary.

4.2 Most important symptoms and effects, both acute and delayed

In case of inhalation

Symptoms

- Breathing difficulties
- Cough
- Chemical pneumonitis
- pulmonary oedema

Effects

- Severe respiratory irritant

Repeated or prolonged exposure

- Nose bleeding
- Risk of chronic bronchitis

In case of skin contact

Symptoms

- Redness
- Swelling of tissue
- Burn

Effects

- Corrosive

In case of eye contact

Symptoms

- Redness
- Lachrymation

- Swelling of tissue
- Burn

Effects

- Corrosive
- May cause irreversible eye damage.

In case of ingestion**Symptoms**

- Nausea
- Abdominal pain
- Bloody vomiting
- Diarrhoea
- Suffocation
- Cough
- Severe shortness of breath

Effects

- If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.
- Risk of respiratory disorder

4.3 Indication of any immediate medical attention and special treatment needed**Notes to physician**

- Take victim immediately to hospital.
- Immediate medical attention is required.
- Consult with an ophthalmologist immediately in all cases.
- Burns must be treated by a physician.
- If swallowed
- Avoid gastric lavage (risk of perforation).
- Keep under medical supervision for at least 48 hours.

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
- Water spray

Unsuitable extinguishing media

- None

5.2 Special hazards arising from the substance or mixture

- May cause fire or explosion; strong oxidiser.
- Oxygen released in thermal decomposition may support combustion

5.3 Advice for firefighters**Special protective equipment for firefighters**

- In the event of fire, wear self-contained breathing apparatus.
- Use personal protective equipment.
- Wear chemical resistant oversuit
- Cool containers/tanks with water spray.
- Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****Advice for non-emergency personnel**

- Evacuate personnel to safe areas.
- Keep people away from and upwind of spill/leak.

Advice for emergency responders

- Use personal protective equipment.
- Drying of this product on clothing or combustible materials may cause fire.
- Keep wetted with water.
- Prevent further leakage or spillage.
- Keep away from incompatible products

6.2 Environmental precautions

- Discharge into the environment must be avoided.
- Do not flush into surface water or sanitary sewer system.
- In case of accidental release or spill, immediately notify the appropriate authorities if required by Federal, State/Provincial and local laws and regulations.

6.3 Methods and materials for containment and cleaning up

- Dam up.
- Soak up with inert absorbent material.
- Do not let product enter drains.
- Keep in suitable, closed containers for disposal.
- Keep in properly labelled containers.

6.4 Reference to other sections

- Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

- Use only in well-ventilated areas.
- Before all operations, passivate the piping circuits and vessels according to the procedure recommended by the producer.
- Use only clean and dry utensils.
- Never return unused material to storage receptacle.
- May not get in touch with:
 - Organic materials
- Keep away from heat.
- Keep away from incompatible products

Hygiene measures

- Ensure that eyewash stations and safety showers are close to the workstation location.
- Take off contaminated clothing and shoes immediately.
- Wash contaminated clothing before re-use.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

- Store in original container.
- Keep tightly closed in a dry, cool and well-ventilated place.
- Keep in properly labelled containers.
- Keep in a banded area.
- Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- Electrical equipment should be protected to the appropriate standard.
- Keep away from:
- Incompatible products
- OP Storage (Burning Rate) Type IV according to the BGV B4 test method

Packaging material**Suitable material**

- Stainless steel cleaned and passivated.
- Approved grades of HDPE.

7.3 Specific end use(s)

- Contact your supplier for additional information

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Components with other occupational exposure limits**

Components	Value type	Value	Basis
Hydrogen peroxide	TWA	1 ppm	USA. ACGIH Threshold Limit Values (TLV)
Acetic acid	TWA	10 ppm	USA. ACGIH Threshold Limit Values (TLV)
Acetic acid	STEL	15 ppm	USA. ACGIH Threshold Limit Values (TLV)
Peroxyacetic acid	STEL	0.4 ppm	USA. ACGIH Threshold Limit Values (TLV)
Form of exposure : Inhalable fraction and vapor			

8.2 Exposure controls**Control measures****Engineering measures**

- Provide adequate ventilation.
- Apply technical measures to comply with the occupational exposure limits.

Individual protection measures**Respiratory protection**

- In case of insufficient ventilation, wear suitable respiratory equipment.
- Respirator with a vapour filter (EN 141)
- Recommended Filter type: ABEK-P2

Hand protection

- Impervious gloves
- Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Suitable material

- butyl-rubber
- Break through time: > 480 min
- Glove thickness: >= 0.4 mm

Eye protection

- Chemical resistant goggles must be worn.
- If splashes are likely to occur, wear:
 - Tightly fitting safety goggles
 - Face-shield

Skin and body protection

- Apron/boots of butyl rubber if risk of splashing.

Hygiene measures

- Ensure that eyewash stations and safety showers are close to the workstation location.
- Take off contaminated clothing and shoes immediately.
- Wash contaminated clothing before re-use.
- When using do not eat, drink or smoke.
- Wash hands before breaks and at the end of workday.
- Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

- Dispose of rinse water in accordance with local and national regulations.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	Physical state: liquid Colour: colourless
Odour	pungent
Odour Threshold	No data available
pH	< 2.0 pKa: 8.2 (25 °C)
Melting point/freezing point	ca. -42 °C Method: Calculation method
Initial boiling point and boiling range	ca. Boiling point/boiling range: 105 °C Method: Calculation method
Flash point	74 - 83 °C Method: closed cup
Evaporation rate (Butylacetate = 1)	No data available
Flammability (solid, gas)	Not applicable
Flammability (liquids)	The product is not flammable., Heating may cause a fire.
Flammability/Explosive limit	Explosiveness: Not explosive

<u>Auto-ignition temperature</u>	No data available
<u>Vapour pressure</u>	ca. 32 hPa (25 °C) Method: Calculation method
<u>Vapour density</u>	No data available
<u>Density</u>	
<u>Relative density</u>	1.1
<u>Solubility</u>	<u>Water solubility:</u> completely miscible
	<u>Solubility in other solvents:</u> common organic solvents : soluble
	Aromatic solvents : slightly soluble
<u>Partition coefficient: n-octanol/water</u>	log Pow: -1.25 Method: Calculation method
	log Pow: -0.52 Method: measured value
<u>Decomposition temperature</u>	>= 60 °C Self-Accelerating decomposition temperature (SADT)
<u>Viscosity</u>	No data available
<u>Explosive properties</u>	No data available
<u>Oxidizing properties</u>	The substance or mixture is classified as oxidizing with the category 2. Oxidizer

9.2 Other information

Corrosion of Metals Corrosive to metals

SECTION 10: Stability and reactivity

10.1 Reactivity

- Decomposes on heating.
- Heating may cause a fire.
- Potential for exothermic hazard

10.2 Chemical stability

- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

- Contact with combustible material may cause fire.
- Contact with flammables may cause fire or explosions.
- Risk of explosion if heated under confinement.
- Fire or intense heat may cause violent rupture of packages.

10.4 Conditions to avoid

- Contamination
- To avoid thermal decomposition, do not overheat.

10.5 Incompatible materials

- Acids
- Bases
- Metals
- Heavy metal salts
- Powdered metal salts
- Reducing agents
- Organic materials
- Flammable materials

10.6 Hazardous decomposition products

- Oxygen

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity LD50 : 652 mg/kg - Rat
Test substance: 11,7 % PAA mixture

Acute inhalation toxicity LC50 - 4 h (dust/mist) 4 mg/l - Rat
Test substance: 5 % PAA mixture

Acute dermal toxicity LD50 Dermal 1,957 mg/kg - Rabbit
Test substance: 11,7 % PAA mixture

Acute toxicity (other routes of administration) No data available

Skin corrosion/irritation Rabbit
Causes burns.

Serious eye damage/eye irritation Rabbit
Causes serious eye damage.

Respiratory or skin sensitisation Guinea pig
Did not cause sensitisation on laboratory animals.

Mutagenicity

Genotoxicity in vitro In vitro tests have shown mutagenic effects.

Genotoxicity in vivo Animal testing did not show any mutagenic effects.

Carcinogenicity No data available

Toxicity for reproduction and development

Toxicity to reproduction/Fertility No toxicity to reproduction

Developmental Toxicity/Teratogenicity

Test substance, 15 % PAA mixture, No effect observed on development,
Published data

STOT**STOT - single exposure**

May cause respiratory irritation.

STOT - repeated exposure

The substance or mixture is not classified as specific target organ toxicant,
repeated exposure according to GHS criteria.

Ingestion 13 weeks - Rat
NOAEL: 0.75 mg/kg
Test substance: Peracetic acid

Oral 90-day - Mouse
NOAEL: 100 ppm
Test substance: Hydrogen peroxide

Inhalation 90-day - Rat
NOAEL: 7 ppm
Test substance: Hydrogen peroxide

Experience with human exposure**Experience with human exposure : Inhalation**

No data available

Experience with human exposure : Ingestion

No data available

CMR effects**Carcinogenicity**

acetic acid

No evidence of carcinogenicity in animal studies.

Mutagenicity

acetic acid

Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Aspiration toxicity

acetic acid

Not applicable, internal evaluation

Further information

No data available

SECTION 12: Ecological information**12.1 Toxicity****Aquatic Compartment****Acute toxicity to fish**

LC50 - 96 h : 1.1 mg/l - Lepomis macrochirus (Bluegill sunfish)
Test substance: Peracetic acid

Acute toxicity to daphnia and other aquatic invertebrates	EC50 - 48 h : 0.73 mg/l - Daphnia magna (Water flea) Test substance: Peracetic acid
Toxicity to aquatic plants	EC50 - 96 h : 0.16 mg/l - Pseudokirchneriella subcapitata (green algae) Test substance: Peracetic acid
Toxicity to microorganisms	Test substance: Peracetic acid No data available
Chronic toxicity to fish	NOEC: 0.00094 mg/l - 33 Days - Danio rerio (zebra fish) Early-life Stage Test substance: Peracetic acid
Chronic toxicity to daphnia and other aquatic invertebrates	Test substance: Peracetic acid No data available

M-Factor

peracetic acid

Acute aquatic toxicity = 1
 Chronic aquatic toxicity = 10
 (according to the Globally Harmonized System (GHS))

12.2 Persistence and degradability**Abiotic degradation**

No data available

Physical- and photo-chemical elimination

No data available

Biodegradation**Biodegradability**

aerobic
 Biodegradable

Effects on waste water treatment plants
 Inhibitor

Method: Abiotic degradation

Degradability assessment

hydrogen peroxide	The product is considered to be rapidly degradable in the environment
acetic acid	The product is considered to be rapidly degradable in the environment
peracetic acid	The product is considered to be rapidly degradable in the environment

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water

hydrogen peroxide	Not potentially bioaccumulable
acetic acid	Not potentially bioaccumulable
peracetic acid	Not potentially bioaccumulable

Bioconcentration factor (BCF) Does not bioaccumulate.

12.4 Mobility in soil

Adsorption potential (Koc)	Water soluble mobile
	Soil/sediments non-significant adsorption

Known distribution to environmental compartments

hydrogen peroxide	Ultimate destination of the product : Water
peracetic acid	Ultimate destination of the product : Water

12.5 Results of PBT and vPvB assessment This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

Ecotoxicity assessment

Acute aquatic toxicity	Information refers to the main component.
Chronic aquatic toxicity	Information refers to the main component.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product Disposal

- Contact manufacturer.
- Contact waste disposal services.
- In accordance with local and national regulations.

Advice on cleaning and disposal of packaging

- Empty containers.
- Clean container with water.
- Dispose of rinse water in accordance with local and national regulations.
- Where possible recycling is preferred to disposal or incineration.
- In accordance with local and national regulations.

SECTION 14: Transport information**ADR**

14.1 UN number	UN 3149
14.2 Proper shipping name	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
14.3 Transport hazard class	5.1
Subsidiary hazard class:	8
Label(s):	5.1 (8)
14.4 Packing group	
Packing group	II
Classification Code	OC1
14.5 Environmental hazards	YES
14.6 Special precautions for user	
Tunnel restriction code	(E)
Hazard Identification Number:	58

For personal protection see section 8.

RID

14.1 UN number	UN 3149
14.2 Proper shipping name	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
14.3 Transport hazard class	5.1
Subsidiary hazard class:	8
Label(s):	5.1 (8)
14.4 Packing group	
Packing group	II
Classification Code	OC1
14.5 Environmental hazards	YES
14.6 Special precautions for user	

For personal protection see section 8.

IMDG

14.1 UN number	UN 3149
14.2 Proper shipping name	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
14.3 Transport hazard class	5.1
Subsidiary hazard class:	8
Label(s):	5.1 (8)
14.4 Packing group	
Packing group	II
14.5 Environmental hazards	YES
Marine pollutant	
14.6 Special precautions for user	
EmS	F-H , S-Q

For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

IATA

14.1 UN number	UN 3149
14.2 Proper shipping name	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
14.3 Transport hazard class	5.1
Subsidiary hazard class:	8
Label(s):	5.1 (8)
14.4 Packing group	
Packing group	II
14.5 Environmental hazards	YES
14.6 Special precautions for user	
Packing instruction (cargo aircraft)	554
Max net qty/pkg	5.00 L
Packing instruction (passenger aircraft)	550
Max net qty/pkg	1.00 L

For personal protection see section 8.

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Local regulations**

No data available

Notification status

Inventory Information	Status
Mexico INSQ (INSQ)	- Listed on Inventory
New Zealand. Inventory of Chemical Substances	- Listed on Inventory
United States TSCA Inventory	- Listed on Inventory
Canadian Domestic Substances List (DSL)	- Listed on Inventory
Australia Inventory of Chemical Substances (AICS)	- Listed on Inventory
Japan. CSCL - Inventory of Existing and New Chemical Substances	- Listed on Inventory
Korea. Korean Existing Chemicals Inventory (KECI)	- Listed on Inventory
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	- Listed on Inventory
China. Inventory of Existing Chemical Substances in China (IECSC)	- Listed on Inventory
EU. European Registration, Evaluation, Authorisation and Restriction of Chemical (REACH)	- When purchased from a European Solvay legal entity, this product is compliant with the registration provisions of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt, pre-registered and/or registered. When purchased from a legal entity outside of Europe, please contact your local representative for additional information.

SECTION 16: Other information**Full text of H-Statements**

- H226 Flammable liquid and vapour.
- H227 Combustible liquid.
- H242 Heating may cause a fire.
- H271 May cause fire or explosion; strong oxidiser.
- H272 May intensify fire; oxidizer.
- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H303 May be harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H401 Toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Key or legend to abbreviations and acronyms used in the safety data sheet

- STEL Short-term exposure limit
- TWA 8-hour, time-weighted average

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. Such information is only given as a guidance to help the user handle, use, process, store, transport, dispose and release the product in satisfactory safety conditions and is not to be considered as a warranty or quality specification. It should be used in conjunction with technical sheets but do not replace them. Thus, the information only relates to the designated specific product and may not be applicable if such product is used in combination with other materials or in any other manufacturing process, unless otherwise specifically indicated. It does not release the user from ensuring he is in conformity with all regulations linked to its activity.