

TROPITECH (Spa-n-Deck)



Semi-Transparent Stain



Enhance & Protect Exterior Wood

Tropitech also known as Spa-n-Deck is the choice of professionals.

Developed in the USA to withstand extreme weather conditions, Tropitech (Spa-n-Deck) is a Semi-transparent premium quality coating, which effectively seals wood, resisting moisture penetration, rot and decay, contains an effective fungicide to resist mildew and provides exceptional UV protection against the sun's harmful rays, thereby retarding the aging (silvering) process of wood.

Consisting of a Basecoat and 100% Acrylic Finish, the Tropitech (Spa-n-Deck) system bonds "in" and "on" the wood to provide a tough, durable and lustrous finish that protects the wood surface for 3 –5 years.

The Basecoat penetrates deep into the wood's pores, to deliver superior adhesion and ensure maximum life and peel resistance; while the 100% Acrylic Finish is offered in a range of 4 natural colours, which give an attractive satin finish that enhances the timbers natural beauty while giving exceptional protection. Quick drying and with the basecoat being applied to wet wood the Tropitech (Spa-n-Deck) system enables preparation and finish to be completed the same day.

Tropitech (Spa-n-Deck) maybe applied to new or weathered timber including decks, cladding, doors and windows.

- **Coverage:**
Weathered Surfaces: 3.5 - 6m² per litre
New Surfaces: 8 - 11m² per litre
- **Drying Time:**
Recoat 1 – 2 hours
Full cure 24 –48 hours
- **Sizes:**
2.5ltr
- **Colours:**
Base Coat: Honey
Finish Coat: Natural, Redwood, Cedar & Sedona
- **Application:**
Synthetic Brush, Roller, Paint Pad, Spray

Tips

On ribbed decking brush out excess water from troughs **just** prior to applying the Basecoat
A window cleaners squeegee attached to a broom handle is ideal for removing any puddles of water from smooth decking **just** prior to applying the Basecoat
Use a garden sprayer to rewet any timber that has dried



Hardwood Deck – RHS Wisley

Applied to wet wood

100% Acrylic formula

Prepare & finish the same day

Withstands extreme conditions

Attractive satin finish


Easy clean-up

Igoe International Ltd. Unit 12, Enterprise Centre, 25 Greenhill Crescent, Watford. WD18 8XU

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Email: sales@igoeinternational.com Website: www.igoeinternational.com : www.owatrol.uk.com

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<p>Printed February 08</p>	<h1 style="margin: 0;">TROPITECH (Spa-n-Deck)</h1> <h2 style="margin: 0;">Base Coat & 100% Acrylic Finish</h2> <h3 style="margin: 0;">Technical Data Sheet</h3>	
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Description

Tropitech (Spa-n-Deck) semi-transparent exterior Base Coat and 100% Acrylic Finish is a premium quality coating, which effectively seals wood, resisting moisture penetration, rot and decay. It contains an effective fungicide that resists mildew and a powerful UV screener that filters out the sun's ultra violet rays, thereby retarding the aging (silvering) process of wood. Tropitech (Spa-n-Deck) Base Coat penetrates deep into the wood's pores to deliver superior adhesion and ensure maximum life and peel resistance of Tropitech (Spa-n-Deck) 100% Acrylic Finish. The Tropitech (Spa-n-Deck) system bonds "in" and "on" the wood to provide a tough, durable, lustrous finish, that protects and beautifies the wood surface for 3-5 years depending on the exposure and severity of the environment.

Where to use Tropitech (Spa-n-Deck)

Tropitech (Spa-n-Deck) is designed specifically for exterior use on structural timber, wood siding, decks, docks, garden furniture, fences, doors, frames, shakes and shingles. May be used on weathered, previously stained or new wood surfaces. Tropitech (Spa-n-Deck) is ideal for soft and hardwoods including pressure treated wood.

TECHNICAL DATA

Finish:	Matte sheen
Vehicle Type:	100% Acrylic
Solvent Type:	Water
Flash Point:	>97°C
% Solids by Volume:	16.5% +/-1%
Freeze Thaw:	Passes 3-5 cycles
VOC:	240gms/litre
Shelf Life:	2-years minimum
Temperature Application:	10°C and above

Coverage

Rough or Smooth Weathered Surfaces 3.5 – 6m² per litre
 New Smooth Surfaces 8 – 11m² per litre
 Actual coverage will vary depending upon application method, texture and porosity of surface

Drying Times


1-2 hours @ 23°C. Can be walked on once coating is touch-dry
 Fully Cured 24-48 hours after application of final coat. Plants and furniture can be replaced after this time

Application Method

Brush: High quality synthetic. Paint pad: For smooth horizontal surfaces
 Roller: Short pile synthetic cover for Smooth Surfaces, Medium/Long pile synthetic cover for Rough Surfaces
 Airless spray (.010 - .014 tip @ 1800-2000psi (124 –137 bar)
 Apply Tropitech (Spa-n-Deck) Base Coat as soon as preparation is finished. If 16 hours or more elapses after preparation and before applying the Base Coat, the timber **must** be retreated with a 1:3 bleach/water solution, left 10 minutes and then rinsed thoroughly with clean water using the highest pressure source available or a pressure washer
KEEP WOOD WET AT ALL TIMES (especially on horizontal surfaces) whilst applying the Base Coat. If the wood is very dry and hot, Tropitech (Spa-n-Deck) will "flash" dry and not absorb into the wood leading to premature failure of the coating
 Do whole boards at a time and work to a natural break
 Always work with a wet-edge and finish off in one direction to avoid lapping
 Do not cut in until ready to do whole board
 Immediately wipe up any drips or runs to avoid them drying into the finish
 Vertical cladding should be coated from top to bottom

Limitations

For exterior use only
Do not use Net-trol Wood Cleaner & Colour Restorer or any other acid based cleaners with Tropitech (Spa-n-Deck)

<p>Printed February 08</p>	<h1>TROPITECH (Spa-n-Deck)</h1> <h2>Base Coat & 100% Acrylic Finish</h2> <h3>Technical Data Sheet</h3>	
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Sizes
2.5Ltr

Clean Up

Clean all tools and equipment with warm soapy water
Wet product can be removed using a cloth wetted with water
If product has dried use denatured alcohol or Stripper/Cleaner to remove it
Store any leftover Tropitech (Spa-n-Deck) in a tightly sealed glass or plastic container
Store and maintain equipment as directed by manufacturer

Colours

Base Coat: - Honey
Finish Coat: - Redwood, Cedar, Sedona and Natural

Colour Selection

Before starting the job, test your colour choice on a small area and allow to dry thoroughly to determine final colour
Buy sufficient product for the whole job, and mix all product together before starting, to avoid colour variances
Note: Colour maybe influenced by type of wood, texture, grain and porosity

Directions for use

SURFACE PREPARATION

#1 All New and Uncoated Wood Under 12 Months Old

Remove loose debris
Make up a solution of 1 part bleach to 3 parts water to this add Prepdeck Stripper/Cleaner in the ratio of 1 part Prepdeck Stripper/Cleaner to 4 parts bleach/water solution
Scrub solution into surface
Leave to stand for 10 minutes – If surface starts to dry, rewet with the Prepdeck Stripper/Cleaner & Bleach/Water Solution
Rinse wood thoroughly with copious amounts of clean water, using the highest pressure source available, or use a pressure washer at a **minimum** of 500psi (35 bar)
Once wood is well rinsed and while it is still wet start application of Tropitech (Spa-n-Deck) Base Coat

#2 All Uncoated Wood Over 12 Months


Remove all loose debris
Make up a solution of 1 part bleach to 3 parts water to this add Prepdeck Stripper/Cleaner in the ratio of 1 part Prepdeck Stripper/Cleaner to 4 parts bleach/water solution
Scrub solution into surface
Leave to stand for 10 minutes – If surface starts to dry, rewet with the Prepdeck Stripper/Cleaner & Bleach/Water Solution
Rinse wood thoroughly with copious amounts of clean water, using the highest pressure source available, or use a pressure washer at a **minimum** of 500psi (35 bar)
Once wood is well rinsed and while it is still wet start application of Tropitech (Spa-n-Deck) Base Coat

#3 Wood Previously Coated other than with Tropitech (Spa-n-Deck)

Tropitech (Spa-n-Deck) Base Coat can only be applied to bare wood.
All previous coatings must be completely removed
Thoroughly remove any existing coating using Prepdeck Stripper/Cleaner or a proprietary paint stripper and follow instructions on the container
Once previous coating is totally removed, prepare as for “**All New and Uncoated Wood Under 12 Months Old**”

Note

Prepdeck Stripper/Cleaner may darken some woods such as Cedar, Redwood, Douglas Fir and Hardwoods. To brighten wood after using Prepdeck Stripper/Cleaner, use Bleach diluted 1:3 with water and apply to the surface. Wait 10 minutes, then rinse off. **Do not allow the surface to dry prior to using the Bleach solution.**

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<p>APPLICATION OF BASE COAT Stir Tropitech (Spa-n-Deck) Base Coat thoroughly prior to application and periodically during application Apply a liberal application of Base Coat whilst wood is still wet (no puddles) Keep the wood wet during application of Base Coat especially on horizontal surfaces. Vertical surfaces dry out quickly. A damp vertical surface is sufficient whilst applying Tropitech (Spa-n-Deck) Base Coat Allow to dry thoroughly (1-2 hours @ 23°C) Apply only one coat of Base Coat Note On ribbed decking, brush out excess water from grooves just prior to applying Tropitech (Spa-n-Deck) Base Coat Always back brush or back roll after spray application to improve penetration and uniformity of coverage</p> <p>APPLICATION OF FINISH COAT (DO NOT REWET SURFACE FOR THIS OR ANY OTHER ADDITIONAL COATS) Apply an even coat of Tropitech (Spa-n-Deck) 100% Acrylic Finish once Base Coat is dry Allow to dry thoroughly Inspect finish. If an even sheen and lustre has been achieved, job is complete. If finish is blotchy or lacks uniformity apply a second finish coat For heavy traffic areas a second finish coat is advisable Always back brush or back roll after spray application to improve penetration and uniformity of coverage</p> <p>MAINTENANCE This will depend on exposure to the sun, weather and foot traffic Inspect the finish annually If small areas are found to have flaked, cracked or have been damaged from wear and tear proceed as follows: Remove all loose debris and other surface contamination Make up a solution of 1 part bleach to 3 parts water Scrub bleach/water solution into surface and leave for 10 minutes Rinse wood thoroughly with clean water, using the highest pressure source available, or by lightly pressure washing While wood is wet apply one coat of Tropitech (Spa-n-Deck) Base Coat and leave to dry (1-2 hours @ 23°C) When Base Coat is dry, apply an even coat of Tropitech (Spa-n-Deck) 100% Acrylic Finish and feather in For heavy traffic areas a second finish coat is advisable For severely damaged Tropitech (Spa-n-Deck) finishes please contact us for more information</p> <p>Good Application Practice Cover everything you do not wish to treat Do not apply if cold or wet weather is expected within 24 hours</p> <p>Health and Safety Material Safety Data Sheets for this and all other Owatrol products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children and animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks</p> <p>Availability Tropitech (Spa-n-Deck) is available through quality paint stores and timber merchants For further information please contact the address below</p>		

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TROPITECH (Spa-n-Deck) Base Coat & 100% Acrylic Finish



Frequently Asked Questions

What is Tropitech (Spa-n-Deck)?

Tropitech (Spa-n-Deck) is a semi-transparent exterior acrylic finish for decks, cladding, fencing and garden furniture. It contains fungicides to protect against mildew as well as powerful UV screeners that filter out the sun's harmful ultra-violet rays. Tropitech (Spa-n-Deck) will protect and beautify the wood for 3-5 years

Why should the first coat be applied to wet wood?

It is important that the first coat penetrates into the wood. This is achieved by applying the Tropitech (Spa-n-Deck) to a wet surface. As the water dries so the Tropitech (Spa-n-Deck) is drawn into the wood ensuring a good strong adhesion is achieved between the wood and Tropitech (Spa-n-Deck). If the first coat is not applied to a wet surface then premature failure of the product will occur.

What is the best way to keep the wood wet?

Use a garden hose with an attachment that will give you a mist spray or use a garden sprayer

Do I need to remove the excess water that collects in the grooves of ribbed decking?

Experience has shown us that leaving the water in the grooves can thin the first coat leading to insufficient material being applied on the first application and subsequently affecting the coatings performance. The trick is to remove the excess water from 2/3 boards at a time, using a stiff bristle brush, just prior to applying the Tropitech (Spa-n-Deck). This ensures that the timber is not too wet to accept the Tropitech (Spa-n-Deck).

Why should the wood be treated with a bleach and water solution prior to applying the Tropitech (Spa-n-Deck)?

Treating the wood with a solution of bleach and water removes any weathering and kills any mildew that may be present, in short it is sterilising the wood; it also creates an alkaline surface. Rinse with plenty of fresh water paying particular attention to the ends of boards, stringers and railings before applying Tropitech (Spa-n-Deck).

Can I use Net-trol or other acid based cleaners to prepare the surface?

No. These products will leave an acid surface and it is important that the wood surface is alkaline prior to applying Tropitech (Spa-n-Deck), which is why it is treated with a bleach/water solution. If it is absolutely necessary to use Net-trol or any other acid based product in order to clean the timber, then it must be treated with a 1:2 bleach: water solution afterwards, rinsed thoroughly and whilst still wet apply the first coat of Tropitech (Spa-n-Deck).

How many coats of Tropitech (Spa-n-Deck) should be applied?

Normally 2 coats are sufficient. However a third coat may be applied to areas subject to heavy traffic. Ensure the second coat is touch dry before applying the third coat

How soon can subsequent coats be applied?

As soon as the first is touch dry. Normally this is 1-2 hours depending on the drying conditions

How often do I need to maintain Tropitech (Spa-n-Deck)?

This depends on weather and usage but normally as soon as the finish starts to look faded or dull.

Can Tropitech (Spa-n-Deck) be applied over an existing stain

It is important that any existing stain, other than Tropitech (Spa-n-Deck), is completely removed. To do this use Owatrol Stripper/Cleaner

When can I apply Tropitech (Spa-n-Deck)?

Tropitech (Spa-n-Deck) must be applied when the ambient temperature is a constant 10°C or higher. If the temperature falls below this then curing of the Tropitech (Spa-n-Deck) can be affected. Do not apply if cold or wet weather is expected within 24 hours

<p>Printed February 08</p>	<p>TROPITECH (Spa-n-Deck) Base Coat & 100% Acrylic Finish</p> <p>Frequently Asked Questions</p>	
<p>How can Tropitech (Spa-n-Deck) be applied? Tropitech (Spa-n-Deck) can be applied by brush, roller, paint pad or airless spray. When applying by spray always back brush or back roll in order to achieve an even application and improve penetration</p> <p>How soon can the Deck be used after applying Tropitech (Spa-n-Deck)? As soon as the surface is touch dry. However it must be left for 24 hours to fully cure before replacing any plants or furniture</p> <p>My Tropitech (Spa-n-Deck) finish has become severely damaged. How do I repair it? Please contact us for information and advice</p>		



SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: TROPITECH ST1.
Product code: TPH01.

Company/undertaking identification:

Registered company name: DURIEU S.A..
Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.
Telephone: + 33 (0)1.60.86.48.70. Fax:+ 33 (0)1.60.86.84.84. Telex:.
sp.auger@durieu.com
www.durieu.com

Emergency telephone: + 33 (0)1.45.42.59.59.

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

Use of the substance/preparation:

Latex Exterior Wood Finish

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site
This preparation is not classed as hazardous to health by directive 1999/45/EC.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

INDEX	CAS	EC	Name	Symb.	R:	%
603-027-00-1	107-21-1	203-473-3	ETHYLENE GLYCOL	Xn	22	0 <= x % < 2.5

Other substances with occupational exposure limits:

No known substance in this category present.

Other components:

INDEX	CAS	EC	Name	Symb.	R:	%
649-330-00-2	64742-82-1	265-185-4	NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY	Xn	65	2.5 <= x % < 10

4 - FIRST AID MEASURES

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

5 - FIRE-FIGHTING MEASURES

Not relevant.

Suitable extinguishing media:

Foam, CO2, Dry chemical.

In the event of fire, use appropriate extinguishing media. Never use water.

Extinguishing media which must not be used for safety reasons:

Water may be ineffective as extinguishing medium but may be used to cool closed containers exposed to heat.

Special protective equipment for fire-fighters:

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

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

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.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Prevent use in areas with flames and other ignition sources. Use appropriate electric appliances.

Avoid getting on skin or in eyes when handling product.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

Observe precautions stated on label as well as industrial safety regulations.

Storage:

Keep away from freezing and from high temperatures.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Personnel shall wear regularly laundered overalls.

Exposure limit values per INRS ED 984:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
107-21-1	20	52	40	104	*	84 -

Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:
107-21-1	20	52	40	104	Peau

Exposure limit values (2003-2006):

Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:	
107-21-1	10 ml/m3	26 mg/m3	2(I)	DFG, H, Y	
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
107-21-1	10 mg/m3	-	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
107-21-1	10 mg/m3	-	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
107-21-1	-	-	100	-	-

Eye and face protection:

Use personal protection equipment.

Skin protection:

After contact with the product, soiled clothing must be removed and the skin must be cleaned with soap and water or a suitable cleaner for skin.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: slightly basic.
When a pH measure is possible, it has a value of: 8.50 .
Boiling point/boiling range: not specified.
Flash point interval: Flash point: > 60°C
vapour pressure: not relevant.
Density: > 1
water solubility: Dilutable.

Other information:

melting point/melting range: not specified.
Self-ignition temperature: not relevant.
Decomposition point/decomposition range : not specified.
VOC (g/l): 106.9

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

In the event of exposure by inhalation:

Refer to §4 "FIRST AID".

In the event of swallowing:

Refer to §4 "FIRST AID".

In the event of splashes or contact with skin:

Refer to §4 "FIRST AID".

In the event of splashes or contact with eyes:

Refer to §4 "FIRST AID".

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

Mobility:

Contains a solid phase.

Ecotoxicity:

Do not leave this product, not diluted or in great quantity, penetrate the ground water, waters or the drains.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

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.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations. In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

Particular hazards associated with the preparation and safety recommendations:

- | | |
|------|---|
| S 2 | Keep out of the reach of children. |
| S 23 | Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer). |
| S 24 | Avoid contact with skin. |
| S 62 | If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. |

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 product must not be used for any purposes other than those specified under heading 1 without first obtaining 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 given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

- | | |
|------|--|
| R 22 | Harmful if swallowed. |
| R 65 | Harmful: may cause lung damage if swallowed. |

2004/42/EC (COV):

The permitted European levels of VOC in the ready-to-use product (category II Af) are 150 g/l maximum in 2007 and 130 g/l maximum in 2010.

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: TROPITECH ST2.

Product code: TPH2C01.

Company/undertaking identification:

Registered company name: Produits DURIEU S.A..

Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.

Telephone: + 33 (0)1.60.86.48.70. Fax:+ 33 (0)1.60.86.84.84. Telex:.

Emergency telephone: + 33 (0)1.45.42.59.59.

Association/Organisation: O.R.F.I.L.A.

Use of the substance/preparation:

Latex Exterior Wood Finish

2 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 2: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

INDEX	CAS	EC	Name	Symb.	R:	%
603-027-00-1	107-21-1	203-473-3	ETHYLENE GLYCOL	Xn	22	0 <= x % < 2.5

Other substances with occupational exposure limits:

No known substance in this category present.

Other components:

INDEX	CAS	EC	Name	Symb.	R:	%
649-356-00-4	64742-95-6	265-199-0	SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	Xn	65	0 <= x % < 2.5

3 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient to the fresh air.

In case of long exposure, without any protection, can cause temporary irritation.

In the event of splashes or contact with eyes:

Wash thoroughly with soft clean water for 15mn holding the eyelids open.

Refer to an ophthalmologist in particular if there is any redness, pain or visual impair.

In the event of splashes or contact with skin:

Wash thoroughly with soft clean water.

In the event of swallowing:

If swallowed accidentally, refer to a doctor and show him the label.

N/A

5 - FIRE-FIGHTING MEASURES

Not relevant.

Suitable extinguishing media:

In the event of fire, use appropriate extinguishing media. Never use water.

Special protective equipment for fire-fighters:

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

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

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.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Avoid getting on skin or in eyes when handling product.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

Observe precautions stated on label as well as industrial safety regulations.

Storage:

Keep away from freezing and from high temperatures.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Personnel shall wear regularly laundered overalls.

Exposure limit values per INRS ND 2098-174-99 and ND 2114-176-99:

France	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP N°:
107-21-1	20	52	40	104	*	84 -

Exposure limit values per 2006/15/CE, 2000/39/EC and 98/24/EC:

EC	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:
107-21-1	20	52	40	104	Peau

Exposure limit values (2003-2006):

Germany/AGW	AGW:	AGW:	Faktor:	Bemerkungen:	
107-21-1	10 ml/m3	26 mg/m3	2(I)	DFG, H, Y	
UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
107-21-1	10 mg/m3	-	-	-	-
UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
107-21-1	10 mg/m3	-	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
107-21-1	-	-	100	-	-

Hand protection:

Wear neoprene rubber or nitrile rubber gloves.

Eye and face protection:

Use personal protection equipment.

Skin protection:

N/A

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: slightly basic.
When a pH measure is possible, it has a value of: not stated.
Boiling point/boiling range: not relevant.
Flash point interval: Flash point: > 61°C
vapour pressure: not specified.
Density: > 1
water solubility: Dilutable.

Other information:

melting point/melting range: not specified.
Self-ignition temperature: not relevant.
Decomposition point/decomposition range : not relevant.
VOC (g/l): 41.2

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet.

Conditions to avoid:

Refer to §7.

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

In the event of exposure by inhalation:

Refer to §4 "FIRST AID".

In the event of swallowing:

Refer to §4 "FIRST AID".

In the event of splashes or contact with skin:

Refer to §4 "FIRST AID".

In the event of splashes or contact with eyes:

Refer to §4 "FIRST AID".

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

Mobility:

Contains a solid phase.

Ecotoxicity:

N/A

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

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.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations
In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.
This preparation is not classed as hazardous to health by directive 1999/45/EC.
This product is not classed as flammable.

Particular hazards associated with the preparation and safety recommendations:

- | | |
|------|--|
| S 2 | Keep out of reach of children. |
| S 23 | Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer). |
| S 24 | Avoid contact with skin. |
| S 62 | If swallowed, do not induce vomiting : seek medical advice immediately and show this container or label. |

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 product must not be used for any purposes other than those specified under heading 1 without first obtaining 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 given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 2:

- | | |
|------|--|
| R 22 | Harmful if swallowed. |
| R 65 | Harmful. may cause lung damage if swallowed. |

2004/42/EC (COV):

The permitted European levels of VOC in the ready-to-use product (category II Af) are 150 g/l maximum in 2007 and 130 g/l maximum in 2010.