

## SAFETY DATA SHEET

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

#### Identification of the substance or preparation:

Name: MARINE D1.  
Product code: MD101.

#### 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:

Hardwood saturator for Marine.

### 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:

No known substance in this category present.

#### Other substances with occupational exposure limits:

No known substance in this category present.

#### Other components:

INDEX	CAS	EC	Name	Symb.	R:	%
649-327-00-6	64742-48-9	265-150-3	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	Xn	65	0 <= x % < 2.5
649-330-00-2	64742-82-1	265-185-4	NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY	Xn	65	50 <= x % < 100
649-356-00-4	64742-95-6	265-199-0	SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	Xn	65	0 <= x % < 2.5

#### May produce an allergic reaction:

INDEX	CAS	EC	Name	Symb.	R:	%
016	68409-81-4		ACIDES GRAS RAMIFIES EN C6-C19, SELS DE COBALT (2+)	Xn N	38 43 51/53 22	0 <= x % < 2.5

### 3 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site  
May produce an allergic reaction.

### 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 into the fresh air and keep him/her warm and still.

#### In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.  
Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

**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.  
DO NOT use solvents or thinners.

**In the event of swallowing:**

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.

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**5 - FIRE-FIGHTING MEASURES**

Not relevant.

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**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.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

**Methods for cleaning up:**

Clean preferably with a detergent, do not use solvents.

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**7 - HANDLING AND STORAGE**

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

**Handling:**

Handle in well-ventilated areas.

**Fire prevention:**

Prevent access by unauthorised personnel.

**Recommended equipment and procedures:**

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Packages which have been opened must be reclosed carefully and stored in an upright position

**Prohibited equipment and procedures:**

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

**Storage:**

Keep the container tightly closed in a dry place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

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**8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

**Technical measures:**

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus

**Respiratory protection:**

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

Anti-gas filters :

- A1,A2,A3 (brown)

**Hand protection:**

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Type of gloves recommended :

- Nitrile
- PVA (polyvinylalcohol)

**Eye and face protection:**

Use eye protectors designed to protect against liquid splashes

**Skin protection:**

For further information, see § 11 of S.D.S. - Toxicological information.

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**9 - PHYSICAL AND CHEMICAL PROPERTIES**

**General information:**

Physical state: fluid liquid

**Important health, safety and environmental information:**

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: 196 °C.

Flash point interval: Flash point: > 60°C

vapour pressure: Below 110 kPa (1.10 bar).

Density: < 1

water solubility: Insoluble.

Vapour density: >1

**Other information:**

melting point/melting range: not specified.

Self-ignition temperature: 200 °C.

Decomposition point/decomposition range : not relevant.

% VOC: 73%

VOC (g/l): 622

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**10 - STABILITY AND REACTIVITY**

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

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**11 - TOXICOLOGICAL INFORMATION**

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage

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**12 - ECOLOGICAL INFORMATION**

No ecological data on the product itself is available.

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

**Mobility:**

Contains volatile products that will disperse in air.

Contains a solid phase.

**Persistence and degradability:**

Not easily biodegradable.

**Bioaccumulative potential:**

No data available

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**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.

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**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 2007 - IMDG 2006 - ICAO/IATA 2007).

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**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 product is not classed as flammable.

**Contains:**

Contains ACIDES GRAS RAMIFIES EN C6-C19, SELS DE COBALT (2+). May produce an allergic reaction.

**Particular hazards associated with the preparation and safety recommendations:**

S 2 Keep out of the reach of children.  
S 23 Do not breathe vapours  
S 24 Avoid contact with skin.  
S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
Marine Pollutant P.

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**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 38 Irritating to skin.  
R 43 May cause sensitisation by skin contact.  
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R 65 Harmful: may cause lung damage if swallowed.

**2004/42/EC (COV):**

The permitted European level of VOC in the ready-to-use product (category II Af) is 700 g/l maximum (2007/2010).

The permitted European level of VOC in this ready-to-use product is limited to 628 g/l.