



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

Preparation:

Name: DILUANT WP N° 1 - THINNER

Product code: 15011000X.

Company/business:

Registered company name: MAP YACHTING.

Address : ZI ATHELIA IV – 296 Av de la Tramontane – 13705 LA CIOTAT - France.

Telephone : 33 (0)4 42 98 14 50 Fax :33 (0)4 42 98 14 51. Email : sales@map-yachting.com

Emergency telephone No 33 (0)1 45 42 59 59 .

Association/Organisation: ORFILA.

2 - COMPOSITION/INFORMATION ON INGREDIENTS

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)

INDEX 601-021-00-3 CAS 108-88-3 CE 203-625-9 TOLUENE | Concentration $\geq 10.00\%$ and $< 25.00\%$. Symbol: Xn F R: 11-20

INDEX 603-004-00-6 CAS 71-36-3 CE 200-751-6 N-BUTANOL | Concentration $\geq 25.00\%$ and $< 50.00\%$. Symbol: Xn R: 10-37/38-41-67-22

Other substances representing a hazard:

INDEX 603-001-00-X CAS 67-56-1 CE 200-659-6 METHANOL | Concentration $\geq 0.00\%$ and $< 2.50\%$. Symbol: T F R: 11-23/24/25-39/23/24/25

INDEX 603-117-00-0 CAS 67-63-0 CE 200-661-7 PROPAN-2-OL | Concentration $\geq 25.00\%$ and $< 50.00\%$. Symbol: Xi F R: 11-36-67

Substances present at a concentration below the minimum danger threshold.

No known substance in this category present.

Other substances with occupational exposure limits.

INDEX 603-002-00-5 CAS 64-17-5 CE 200-578-6 ETHANOL | Concentration $\geq 25.00\%$ and $< 50.00\%$. Symbol: F R: 11

3 - IDENTIFICATION OF HAZARDS

This product is classed: Highly flammable liquid.

Possibility of serious lesions to the eyes.

Possibility of noxious effects with symptoms of slight poisoning by inhalation and swallowing.

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.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

Do not give the patient anything orally.

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.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

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, administer activated medical charcoal and consult a doctor.

Keep still. DO NOT induce vomiting.

Consult a doctor and show him the label.

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

5 - FIRE-FIGHTING MEASURES

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

In the event of fire, the recommended extinguishing agents are:

Special foams for polar liquids (known as alcohol resistant), powders, carbon dioxide.

In the event of fire, use specifically suitable extinguishing agents. Never use water.

Extinguishing agents not to be used

Do not breathe in smoke.

Prevent the effluent of fire-fighting measures from entering drains or waterways.

Special equipment for fire-fighting personnel.

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

6 - ACCIDENTAL RELEASE MEASURES

Safety precautions:

Eliminate any possible source of ignition and ventilate the premises.

On account of the organic solvents contained in the preparation, eliminate sources of ignition and ventilate the premises.

Avoid inhaling the vapors.

Consult the safety measures listed under headings 7 and 8.

Environmental safety precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatom 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

Cleaning methods:

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:

Handle in well-ventilated areas.

The vapors are denser than air. They can spread along the ground and form explosive mixtures with air

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Fire prevention:

Prevent the accumulation of electrostatic charges with connections to earth

The preparation may become electrostatically charged; always place on the ground during transfer. Wear antistatic shoes and clothes and make floors of conductive materials.

Use the product in premises where there are no naked flames or other sources of ignition and have protected electrical equipment

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Recommended equipment and procedures

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Avoid inhaling solvent vapors and spray-gun aerosols

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



Avoid inhaling vapors.

Where the personnel must carry out work in a booth, whether for spraying or otherwise, the ventilation may be inadequate to control particles and solvent vapors in every case.

It is therefore recommended that personnel wear masks with a compressed air supply during spraying operations until the concentration of particles and solvent vapors has fallen below the exposure limits.

Product must not come into contact with the eyes

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, well-ventilated place

Keep away from food and drink, including those for animals.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight

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.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Exposure limits 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°:
67-63-0	-	-	400	980	-	84
71-36-3	-	-	50	150	-	84
64-17-5	1000	1900	5000	9500	-	84
67-56-1	200	260	1000	1300	-	84
108-88-3	100	375	150	550	-	4bis, 84
Germany	Class:	MAK-ppm:	MAK-mg/m3:	Notes:	Notes:	
67-63-0	II,1	200	500	C		
71-36-3	II,1	100	310	D		
64-17-5	II,1	500	960	5, C		
67-56-1	II,1	200	270	C,*		
108-88-3	II,2	50	190	C,*		
ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
67-63-0	(400)	(983)	(500)	(1230)	-	S
71-36-3	(50)	(152)	-	-	(*)	P
64-17-5	1000	1880	-	-	A4	-
67-56-1	200	262	250	328	*	S
108-88-3	50	188	-	-	A4,*	-

Other values (2003):

UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
67-63-0	400 ppm	500 ppm	-	-	-
71-36-3	-	50 ppm	-	-	-
64-17-5	1000 ppm	-	-	-	-
67-56-1	200 ppm	250 ppm	-	-	-
108-88-3	50 ppm	150 ppm	-	-	-
Germany/MAK	TWA:	STEL:	Ceiling:	Definition:	Criterion:
67-63-0	200 ppm	400 ppm	-	-	-
71-36-3	100 ppm	100 ppm	-	-	-
64-17-5	500 ppm	1000 ppm	-	-	-
67-56-1	200 ppm	800 ppm	-	-	-
108-88-3	50 ppm	200 ppm	-	-	-



Safety breathing apparatus:

With this preparation, avoid in particular any inhalation of vapors.

Hand protection.

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.
Due to the solvents present, it is recommended that neoprene rubber or nitrile rubber gloves be worn

Eye and face protection.

Avoid contact with eyes.
Wear safety goggles.
Provide eye washes in workshops where the product is constantly handled

Skin protection.

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

9 - PHYSICAL AND CHEMICAL PROPERTIES

Density:	< 1
Acid/base character of preparation:	neutral.
Solubility of preparation in water:	Insoluble.
Vapour tension at 50°C of volatile constituents:	Below 110 kPa (1.10 bar).
Physical state:	fluid liquid
Flash point interval:	Flash point: <= 21°C.
When a pH measure is possible, it has a value of:	not stated.
Self-ignition temperature:	365 °C.
Decomposition temperature:	not relevant.
Melting temperature interval:	-89 °C.
Average distillation temperature of solvents contained:	80 °C.

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
Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.
Splashes in the eyes may cause irritation and reversible damage
It is generally agreed that substances contained are likely to cause, when applied to the eye of an animal, serious eye damage which persists for at least twenty-four hours.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.
The product must not be allowed to run into drains or waterways.

Other data:

Germany: WGK 2 (VwVwS vom 17/05/99, KBws)

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

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
UN1263=PAINT RELATED MATERIAL (including paint thinning or reducing compound)

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.		
	3	F1	II	3	33	LQ6	163-640D		
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.			
	3	-	II	5 L	F-E,S-E	163 944			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	
	3	-	II	305	5 L	307	60 L	A3, A72	



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 2001/59/EC with the 28° adaptation of directive 67/548/EC (Hazardous substances) have been taken into account.

Preparation classification.

Harmful. Highly flammable.

Contains:

601-021-00-3 TOLUENE
603-001-00-X METHANOL
603-004-00-6 N-BUTANOL

Particular hazards associated with the preparation and safety recommendations:

R 37/38	Irritating to respiratory system and skin.
R 20/22	Harmful by inhalation and if swallowed.
R 11	Highly flammable.
R 41	Risk of serious damage to eyes.
S 23	Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/39	Wear suitable protective clothing and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 16	Keep away from sources of ignition - no smoking.
S 25	Avoid contact with eyes.
S 33	Take precautionary measures against static discharges.
S 37	Wear suitable gloves.
S 60	This material and its container must be disposed of as hazardous waste.
S 7/9	Keep container tightly closed and in a well- ventilated place.
S 29	Do not empty into drains.

Particular provisions:

Germany: WGK 2 (VwVwS vom 17/05/99, KBws)

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