



Conforming to the new rules for the reduction of VOC emissions

Ministry decree of 30 April 2002 No 2002-680 published in the Official Gazette of 2 May 2002 stipulating:

All the industries carrying out cleaning, degreasing and surface stripping (metals, plastics, etc.), in an open machine with processes using organo-halogenated liquids or organic solvents and of which the treatment tank volume is greater than 20 liters and less than 1,500 liters must be reported to the Prefecture of their Department.

For volumes greater than 1,500 liters, it will be necessary to have the Prefecture perform a prior Risk Survey (R1) which will be refused if the company is within a 1 kilometer radius of a public place.

Solvent storage:

- Each recipient must be properly labeled (the label must be reproduced each time the contents are split)
- The premises must be cool and efficiently ventilated, protected from any source of heat or ignition (beams of sunlight, flames, sparks, etc.)
- The floor must be fireproof, waterproof and form a retention basin so that in the event of accidental spillage, the liquid cannot spread out
- The electric equipment used must be adapted to the explosion hazard: it must be kept in conformity with the regulations
- Fire extinguishers, a shower and a safety eyewash must be installed nearby
- The corridors must be wide enough to allow the passage of people and/or handling machines
- Emergency exits must be kept clear and properly posted.

Solvent storage:

- People using solvents (and people working nearby) must be informed of the risks these products represent, of the precautions to be observed and of the steps to be taken in the event of an accident (cf. FDS)
- Never transfer a solvent into a recipient that has contained another chemical
- Avoid inhaling the vapors
- Avoid dumping to the drain
- Do not apply pressure to the walls of the packings and do not attempt to roll full drums
- Minimise losses due to evaporation (open packages, etc.)
- Wash your hands frequently with mild soap, especially before eating or drinking
- Never wash your hands with a solvent
- Do not drink, eat or smoke in rooms where the solvents are used
- In the event of leakage or accidental spillage, mop up the product immediately, first covering it with inert absorbent material (sawdust, etc.) of which a store is kept nearby.

Management of used solvents:

Used solvents must be stored while following the same prescriptions as for new products.
 If they contain less than 30% impurities, the solvents may be recycled. Solvents that cannot be recycled and the sludges derived from regeneration installations must be incinerated in specialized centers.
 For any additional information about dumping, recycling and the incineration of solvents, consult the site of l'Agence de l'Environnement et de la Maitrise de l'Energie (Ademe).

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TOTAL FINASOL MF

Multipurpose emulsifiable degreaser



- Automobile
- Transport
- Agricultural equipment
- Public works
- Petroleum products
- loading and unloading areas

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APPLICATIONS

Cleaning/Degreasing

- Cleaning of vehicle engines and chassis
- Cleaning of cement or tiled floors in workshops, industrial plants, car parks, garages and services stations
- Cleaning of lubrication bays and pits
- Cleaning of oil-fired boilerhouse floors and petroleum product storage areas
- Cleaning of civil engineering plant and equipment
- Removing of tar stains of bodywork
- Cleaning of machine tools and machine parts
- Removing of anti-rust protection coatings
- Cleaning of brushes and tools used for paintings

Application fields

- Automobile
- Transport
- Agricultural equipment
- Public works
- Hydrocarbons loading and unloading areas



Packaging:
• Drums of 208 L
• Barrels of 20 L



CHARACTERISTICS

TOTAL FINASOL MF	Standard	Values	Unit
Color	Visual	Light yellow	
Density at 20°C	ASTM D 4052	0.809	kg/l
Viscosity at 20°C	ASTM D 445	2.2	mm ² /s
Flash point	ASTM D 93	66	°C
Cloud point	ASTM D 2500	-10	°C
Pour point	ASTM D 97	<-40	°C
Ph 5% emulsion	ASTM D 1172	6.6	
Appearance (at 20°C)	Visual	Fluid	

PRECAUTIONS FOR USE

Floors:

- Apply more or less 1 liter of TOTAL FINASOL MF for a cleaning surface of 10m².
- Leave 15 minutes, brushing may facilitates penetration.
- Rinse with pressurized water.

Engines:

- Apply TOTAL FINASOL MF on the external parts of the engine ensuring that electrical system is protected before application.
- Apply for 5 to 10 minutes.
- Rinse with pressurized water.

The time of application depends on the extent and nature of the stain (dirty oil and grease take longer to dissolve than oil). Rinse with pressure hose until stains disappears.

RECOMMENDATIONS

Before long applications, make a prior compatibility test on sensitive materials.

Ensure that solvent-sensitive engine parts (seals, hoses, etc.) are protected before application.

Eliminate any source of ignition when using the product, and more particularly, do not use on an incandescent body or on a source of high heat.

PROPERTIES

- The slow evaporation of TOTAL FINASOL MF allows a longer effective action of the product before being rinsed away.
- TOTAL FINASOL MF is a multipurpose cleaning product. It eliminates greases and oils (even used oils), carbon waste and all organic and inorganic pollutions.
- Its excellent stability makes it very efficient.
- TOTAL FINASOL MF can be applied by spraying, to clean extensive difficult-to-reach surfaces, by daubing, in the case of localised stains, by soaking, or by brushing in the case of heavily soiled parts.
- The penetrating power and hence efficiency of TOTAL FINASOL MF is reduced if diluted before use. Using brushing facilitates solvent penetration into the stain and allows faster and effective cleaning.
- TOTAL FINASOL MF seeps easily and quickly through the stains coating and facilitates:
 - The complete dissolving of oily pollutions
 - The detachment of insoluble components.

