



### 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 HD

## Emulsifiable degreaser special for hydrocarbons



- Automobile
- Transport
- Agricultural equipment
- Public works
- Marine
- Service stations
- Garages
- Maintenance workshops

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# TOTAL



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# TOTAL FINASOL HD

## Emulsifiable degreaser special for hydrocarbons

### APPLICATIONS

#### Cleaning/Degreasing

- Cleaning of all engines: car, HGV, boats...
- Cleaning of engine parts

#### Application fields

- Automobile
- Transport
- Agricultural equipment
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### PROPERTIES

- **TOTAL FINASOL HD** is a product that has been specifically developed for engine cleaning jobs. It is capable of eliminating all kinds of greases and oils (including used), carbon residues, as well as all types of organic or inorganic pollution. **TOTAL FINASOL HD** is also efficient on all hydrocarbons, diesel oil, heavy fuels and gasolines.
- **TOTAL FINASOL HD** has outstanding properties in terms of wetting capability making it capable of treating the most inaccessible places, then of infiltrating easily under the soiling layer favoring either their complete dissolution or the lifting away of any insoluble components.
- **TOTAL FINASOL HD** acts quickly and leaves surfaces clean and free of residues.
- **TOTAL FINASOL HD** has a high flash point of 62°C, contributing to lessening fire risks and giving the user an optimum safety margin.
- **TOTAL FINASOL HD** has an agreeable natural pine-like odor.
- **TOTAL FINASOL HD** is compatible with most plastic and elastomer materials.
- **TOTAL FINASOL HD** can be used straight, by soaking, applied by brush, or by low pressure spraying. Allow **TOTAL FINASOL HD** to act for a few moments then rinse with ordinary or pressurized water.



Packaging:  
• Drums of 200 L  
• Barrels of 25 L



### CHARACTERISTICS

TOTAL FINASOL HD	Standard	Values	Unit
Acidity	ASTM D 847	0.0	% weight
Corrosion of copper strip, 100 h at 40°C	NF M 07 015, ASTM D 130	1a	Grading
Distillation, initial point	NF M 07 002, ASTM D 86	175	°C
Distillation, final point	NF M 07 002, ASTM D 86	205	°C
Physical condition	Visual	Fluid	
Water solubility		Infinite	ppm
KB index, solvent capability (estimation)	ASTM D 1133	90	
Refraction index at 20°C	ASTM D 1218	1.4340	
Density at 25°C	NF EN ISO 12 185	805	Kg/m <sup>3</sup>
ODP Ozone Depletion Potential		0	Factor
Odor	Olfactory	Slight	
Closed recipient flash point	ISO 2719	62	°C
Self-ignition point	ASTM E 659	> 200	°C
Chlorine content	GCMS	0	ppm
Surface tension at 25°C	ISO 6295	28,4	dynes/cm
Evaporation rate	NF T 30 301	110'	h.min.s.

### PRECAUTIONS FOR USE

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. Do not use in the vapor phase. Avoid splashing onto fabrics to prevent wick effects. No smoking. Do not dump to drain after use. Use in airy or ventilated room. Wear gloves for extended periods of contact with the skin. Keep product out of reach of children.



### RECOMMENDATIONS

Run a prior test on materials that are sensitive to organic solvents during extended periods of contact.

