

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Product name	NEPTUNE WATER REPELLENT
Chemical description	Silicone modified
Supplier	PT. ATLANTIC OCEAN PAINT Jalan Kepatihan Industri No.6, Desa Kepatihan, Kec. Menganti, Guntung, Kepatihan, Gresik, Kabupaten Gresik, Jawa Timur 61174
Emergency	Telp. 031 - 51203009 ( hunting ) 031-99008814
2. HAZARD IDENTIFICATION	The vapors are irritating to the eyes, the skin and the respiratory tract. Frequent or continuous skin contact causes irritation and may lead to dermatitis. Skin contact with n-hexane causes neuropathy peripher. Skin contact with over concentration causes narcotic effects, like : irritation breathing, dizziness, sickness, drowsiness and vomiting. The product is clear liquid and flammable.
3. PHYSICAL AND CHEMICAL PROPERTIES (* Derived from the solvents)	
Physical state	Clear liquid
Start boiling point	127°C
Aniline point	42°C
Flash point	26°C
Specific gravity obs	0.83 (Temp. obs. 30°C)
Specific gravity at 15°C	0.84
Refractive index at 25°C	1.447
Color (ASTM)	+ 28
4. FIRE FIGHTING MEASURES	
Extinguishing media	CO <sub>2</sub> , foam, dry chemical and water fog.
Extinguishing special procedure	In case of fire, bathe with water, if no fire spray with water to disperse of vapors in accident located
Protective equipment	Apply self contained breathing apparatus.
5. FIRST AID MEASURES	
General	In all cases of doubt or when symptoms persists seek medical advice immediately.
Inhalation	Remove immediately to fresh air, avoid exertion, in out of breath cases, give resuscitation.
Skin contact	Wash immediately with plenty of water and soap. Remove contaminated clothing.
Eye contact	Rinse for at least 15 minutes with plenty of water.
Ingestion	Give plenty of water to drink. Do not induce vomiting.

## 6. HANDLING AND STORAGE

### Handling

Apply proper ventilation. Keep away from sources of ignition. Avoid flame fire and all conditions can caused. Apply grounded and bonded to all transfer equipment.

### Storage

Drum with grounded and bonded equipment. Prepared self closing valves, pressure vacuum bangs and flame arresters. As possible that warehouse be in out location. Comply with governmental regulations.

## 7. TOXICOLOGICAL INFORMATION

### Oral toxic phased (Rat)

Non toxic (LD 50; more than 50 g/kg)

### Skin toxic phased (Rabbit)

Non toxic (LD 50; more than 5g/kg, 0/12 fatal in this dosage)

### Pall toxic phased (Rat)

Non toxic (LD 50; more than 5mg/l), based on similar materials or components test.

### Eye irritation (Rabbit)

Non irritation (Eye irritation score : 4.0 at 1 hours, 4.0 at 24 hours)

### Skin irritation (Rabbit)

Non irritation (Primary irritation index : more than 0.5, less than 3), based on similar materials or components test.

### Genetic toxicology

Negative Ames test

### Neuron-toxicology

Long term exposure may lead to effects of the central nervous system. Frequent or continuous skin contact may lead to irritation and dermatitis.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

### Ventilation

Work as much as possible with local exhaust ventilation. Try to reach the lowest possible exposure. Respect the threshold limit values of the dangerous components.

### Inhalation protection

Use the inhalation equipment.

### Eye protections

Wear safety goggles against splashing

## 9. DISPOSAL CONSIDERATION

### Dump disposal

To get energy, this product can burned in closed basin. The product is possible to process in repeated cycle system, comply with government regulations.

## 10. OTHER INFORMATION

No other information available. This Information only concerns the above mentioned product and need not be valid if used with other products or process. The information is to our best knowledge correct and complete and it is given in good faith but without warranty. It reminds the users own responsibility to make sure that the information is correct and complete for his special use of the product.