


1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
Product name	THINNER A SPECIAL
Chemical description	Keton, ester, ether alkohol, modified solvent
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 vapours are irritating to the eyes, the skin and the respiratory tract. Frequent or continous skin contact causes irritation and may lead to dermatitis. Skin contact with n-hexane causes neuropathy peripher. Skin contact with over concentration causes narcoticef facts, like : irritation breathing, dizziness, sickness, drowsinness and vomiting. The product is clear liquid and flammable
3. PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	Clear liquid
Start boiling point	109 °C
Aniline point	42 °C
Flash point	1 °C
Specific gravity obs	0.869 (Temp. obs. 30 °C)
Specific gravity at 15 °C	0.879
Refractive index at 25 °C	1.375
Color (ASTM)	+ 28
4. FIRE FIGHTING MEASURES	
Extinguishing media	CO2 , foam, dry chemical and water fog.
Extinguishing special procedure	In case of fire, bathe with water, if no fire spray to disperse of vapours 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 , and keep away from sources of ignition. Avoid flame fire and all conditions can caused. Apply grounded and bonded to all transfer equipments. Use only explosion proof equipment.
Storage	Drum with grounded and bonded equipments, 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
Neuro 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 equipments
Eye protections	Wear safety goggles against splashing
Skin protections	Use the clothes and proper gloves (neoprene or nitril rubber)
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 govermental 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 is given in good faith but without warranty.It remains the users own responsibility to make sure that the information is correct and complete for his special use of the product.	

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