

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : **Thinner A**
Chemical Description : Keton Hydrocarbon modified solvents
Supplier : Atlantic Ocean Paint
Jl. Raya Kepatihan Industri 1no.6 A
Menganti - Gresik
Indonesia.
Emergency : Telp. 031 – 51203009 – 031 - 99008814 (hunting)
Fax. 031 - 51203099.

2. HAZARDS IDENTIFICATION

The vapours 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 narcoticeffects, like : irritation breathing, dizziness, sickness, drowsiness and vomiting.

The product is clear liquid and flammable

3. PHYSICAL AND CHEMICAL PROPERTIES.

Physical state : Clear liquid
Start boiling point : 6 ° C
Aniline point : 42 ° C
Flash point : 38 ° C
Specific gravity obs : 0.783 (Temp. obs. 30 °C)
Specific gravity at 15 °C : 0.793
Refractive index at 25 °C : 1.447
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 with water 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. STOXICOLOGICAL 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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