

MATERIAL SAFETY DATASHEET

XYLENE THINNER

1. IDENTIFICATION OF CHEMICAL

Chemical name : XYLENE
CAS Number : 1330-20-7
EINECS Number : 202-422-2

2. COMPOSITION

Composition : Ketone / Alcohol / Acetate

3. HAZARD IDENTIFICATION

Main Hazards : Flammable. Harmful by inhalation * in contact with skin. Irritating to skin

4. FIRE FIGHTING MEASURES

Exposure Hazard : Wear self - contained breathing apparatus, protective clothing to prevent contact with skin & eyes. Material is flammable.

Suitable Extinguisher : Extinguish with carbon dioxide, dry chemical power, vaporising liquid or water spray

5. FIRST AID MEASURES

Skin Contact : In the case of skin contact flood the splashed area with large quantities of running water.

Eye Contact : If the substance has entered the eyes, wash out with water or saline solution for at least 15 minutes

Ingestion : If the chemical has been confined to the mouth give large quantities of water as a mouthwash. Ensure that the mouthwash is not swallowed. If the chemical has been swallowed, give about 250ml of water to dilute it in the stomach. Obtain medical attention.

Inhalation : Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Protection : Complete eye & face protection & gloves

Leaks & spills : Wash the spillage with large amounts of water

Clean-up procedures : Sweep up the spilled substance but avoid making dust. Transfer to a closable salvage container for disposal by an appropriate method or retain for recovery.

7. HANDLING & STORAGE

Handling Requirements : Store in a cool dry well ventilated area well away from heat or other sources of ignition. keep away from oxidising agents.

Storage Precautions : Wear eye protection, gloves & protective clothing.
When using do not smoke

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection : Complete eye face protection & rubber gloves.

Exposure Limits : 100ppm (435 mg/m³) TWA ; 150PPM (650) --15 min

Type : Oral - RAT LD50

Toxicity : 4300 mg / kg

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance & Odour : Clear Liquid, perceptible odour

Chemical Formula : C₆H₄ (C H 3) 2

Boiling Point / Range ' C : 138 - 142

Melting Point / Range ' C : -95

Oxidising : N/A

Explosive Limits : lower : 1

Upper : 7

Flash point 'C : 24°C

Part coefficient : N/A

Flammability : N/A

Autoflammability ' C : N/A

Vapor pressure : 6.2mm 20°C

Relative Density : 0.86

pH : N/A

10. STABILITY & REACTIVITY

Stability : Stable.

Avoid Contact With : Can react with oxidising materials. Nitration should be carefully controlled

11. TOXICOLOGICAL INFORMATION

Health Effects :

Skin : Irritating to skin. Prolonged contact may cause dermatitis. Harmful if absorbed through the skin

Eyes : Irritating to eyes

Inhalation : Harmful if inhaled. Material is irritating to mucous membranes & the upper respiratory tract. Symptoms may include dizziness, nausea & mental confusion. Prolonged inhalation may cause liver & kidney damage.

Ingestion : Harmful if swallowed. ingestion causes severe irritation to the digestive organs.

12. ECOLOGICAL EFFECTS

Ecotoxicity : Slightly toxic to freshwater fish & organisms. Moderately toxic to marine fish & organisms. Slightly toxic to mammalian wildlife.

Persistence : Biodegradable. Floats on water. Evaporates slowly. Causes Oxygen depletion of surface waters. Low potential to bio accumulate.

13. DISPOSAL OPERATIONS

Waste Disposal : Small volumes may be allowed to evaporate in a safe open area. Larger volumes may be burnt in a chemical incinerator equipped with afterburner & scrubber. Where there is no incinerator or safe evaporation site available transfer to a waste solvent drum for collection by a specialist disposal company.

14. TRANSPORT INFORMATION

IMDG Code

UN no: 1307
Packing Group : III
Class : 3.3

ADR / RID

Subst. ID no : 1307
Class no : 3,31 (c)

IATA / ICAO

UN no: 1307

15. REGULATORY INFORMATION

Classification : Highly Flammable. Harmful.

Risk Phrases : **R10** ; Flammable
R20/21 ; Harmful by Inhalation & in contact with skin
R38 ; Irritating to skin

Safety Phrases : **S2** ; Keep out of reach of children
S25 ; Avoid contact with eyes

16. ADDITIONAL INFORMATION

Legal Disclaimer : The above information is believed to be correct but does not purport to be all-inclusive & shall only be used as a guide. Paints4u.com Ltd shall not be held liable for any damage resulting from handling or from the contact of the above product.

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