



Safra

XYLTM

[Xylene]

TECHNICAL DATA SHEET



MATERIAL SAFETY DATA SHEET

Safety Department

Review:2.5

July 01, 2023

10-QSR-MDS

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1) MATERIAL IDENTIFICATION:

Safra Product Name **Safraxyl™**
Product Trade Name
Molecular weight C8H10 Xylene - Aromatic Hydrocarbon
ID # & CAS # 115
Address: Safra Company in its Yanbu Refinery
Sinaiyah, Kingdom of Saudi Arabia
Kingdom of Saudi Arabia

2) PHYSICAL & CHEMICAL PROPERTIES:

a- PHYSICAL PROPERTIES

Flash Point Min. 24 oC
Boiling Range
3.7
Specific Gravity (H2O = 1) 0.860
Solubility in Water
Vapor Pressure (KPA) 1 @ 20 oC
0.6
(Butyl Acetate = 1)
Appearance and odor Clear, bright liquid with a mild petroleum odor

b- CHEMICAL PROPERTIES

Aromatic Content 96 % Vol.
Sulfur Content Free
ISO No 5280/Y-1979

3) COMPOSITION DATA:

Ingredients Ortho, Meta & Para Xylenes

4) HEALTH HAZARDS:

TLV 100 PPM
route. It can cause dizziness and suffocation.
Skin Contact
route.
anemia and enlarged liver.

5) FIRE FIGHTING MEASURES:

Extinguishing Media Use foam, dry chemical powder, Carbon dioxide.
Special Fire Fighting
Avoid spreading, burning liquid with water which should be used
for cooling containers as water spray.



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Unusual Fire and Explosion Hazard Moderately explosive when exposed to flame or chemically reacted. Vapor from this product, may travel or be moved by air currents and be ignited by pilot lights, other flames, sparks, sources at locations distant from handling point.

Small Fire Dry chemical powder, CO2 & water supply.

Large Fire area if you can do it without risk. Cool containers that are exposed to flames with water from the sides until / and after fire is out.

6) EMERGENCY AND FIRST AID MEASURES UPON EXPOSURE TO THE MATERIAL:

Swallowing Do not induce vomiting. Keep patient at rest. Seek immediate medical attention.

Inhalation breathing give artificial respiration. If breathing is difficult give oxygen.

Skin Contact and water. Seek Medical advise.

Eye contact minutes. Get medical care without delay.

7) STABILITY & REACTIVITY DATA:

Stability Stable

Decomposition products Burning may produce carbon monoxide and/or carbon dioxide. When heated it emits irritating fumes, can react vigorously with oxidizing materials.

Hazardous polymerization not occur.

Condition to avoid

8) ACCIDENTAL RELEASE/SPILL/LEAK MEASURES:

Steps to be taken if the material is released or spilled :

1. Notify safety personnel of leaks or spills.
3. Provide adequate ventilation & instruct personnel to use protection against liquid contact and vapor or mist inhalation.
5. Small spills could be washed away to the API separator or may be contained by using absorbents. Large spill after diking should be recovered by pumping (Use explosion proof pump).
7. Use water spray to reduce vapors.

9) DISPOSAL CONSIDERATION:

Disposal Method Incinerate in a special furnace or if the quantity is small expose for weathering, abide to local regulations. Other disposal method is burial in approved land fill.



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10) EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT FOR DEALING WITH THE MATERIAL:

Respiratory Protection
Ventilation

Use gas mask for respiratory protection.

excessive vapors or mists. This product should be confined within closed containers in which case general (mechanical) ventilation should be sufficient. Use explosion proof equipments. Special local ventilation is recommended at points where vapors can be expected

Hand/Body Protection
Eye Protection

Use PVC or Neoprene gloves/Impermeable aprons.

to be readily available near handling areas.

11) HANDLING & STORAGE:

Handling

Use non sparking tools and explosion proof electrical equipments; Prevent static electric spark by grounding transfer equipment; Avoid breathing vapors; Use with adequate ventilation; Don't get in eyes or skin or clothing, wash thoroughly after handling; Call safety for any

Storage

Store in closed containers in a cool, dry and well ventilated area away from source of open flame, heat, strong oxidizing agents and

12) TOXICOLOGICAL INFORMATION:

CNS Toxicity
Skin Absorption

Shows moderate acute CNS toxicity along with irritant effect
None currently known.

Inhalation- Man
Inhalation- Human

LCLo:10,000ppm/6H

LDLo:50mg/kg

Safety profile

ppm.

13) ECOLOGICAL INFORMATION:

Not established

14) TRANSPORT INFORMATION:

Hazard Class
ID # & CAS #

3

Flammable Liquid & Flammable



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15) REGULATORY INFORMATION

Risk Phrases
Safety Phrases

10-20/21-38
(2-)25

Avoid exposure-Obtain special instructions before use- In case of accident or if you feel unwell seek medical advice immediately-

with skin- Do not empty into drains-

label or container.

16) OTHER INFORMATION:

Precautionary Label Text



DANGER!; EXTREMELY FLAMMABLE LIQUID & VAPOR; VAPOR MAY CAUSE FLASH FIRE , MAY CAUSE SKIN, NOSE, THROAT & LUNG IRRITATION; KEEP AWAY FROM HEAT, SPARKS & FLAME; USE

NEVER SIPHON BY MOUTH; DO NOT USE AS SKIN CLEANING AGENT; DO NOT CUT/ WELD ON OR NEAR EMPTY CONTAINERS BEFORE PROPER CLEANING AS THEY CONTAIN PRODUCT