

Material Safety Data Sheet

Date last revised 5-6-87

I. General Information

Chemical Name & Synonyms	XYLENE XYLOL	Trade Name & Synonyms	XYLENE
Chemical Family	AROMATIC HYDROCARBON	Formula	770200 770800 774000
Proper DOT Shipping Name	XYLENE	DOT Hazard Classification	FLAMMABLE LIQUID UN 1307
Manufacturer	NATIONAL SOLVENT CORPORATION	Manufacturer's Phone Number	(216) 725-4991
Manufacturer's Address	955 WEST SMITH ROAD, MEDINA, OHIO 44256	Chemtrec Phone Number	800-424-9300

II. Ingredients

Principal Hazardous Components	Percent	Threshold Limit Value (units)
XYLENE CAS NO. 1330-20-7	100	100 PPM

III. Physical Data

Boiling Point (°F)	279	Specific Gravity (H ₂ O = 1)	.871
Vapor Pressure (mm Hg.)	5.1	Percent Volatile By Volume (%)	100
Vapor Density (Air = 1)	3.6	Evaporation Rate (ETHER = 1)	.10
Solubility in Water	NIL	pH	N/A
Appearance & Odor	CLEAR COLORLESS LIQUID CHARACTERISTIC ODOR		

IV. Fire & Explosion Hazard Data

Flash Point (Test Method)	81° F TAG CLOSED CUP	Auto Ignition Temperature	N/A
Flammable Limits	LEL 1.0	UEL 7.0	
Extinguishing Media	FOAM, DRY CHEMICAL OR CARBON DIOXIDE		
Special Fire Fighting Procedures	WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRE IN A CONFINED SPACE.		
Unusual Fire & Explosion Hazards	NONE		

V. Health Hazard Data

OSHA Permissible Exposure Limit

100 PPM

ACGIH Threshold Limit Value

100 PPM

Carcinogen - NTP Program

Carcinogen - IARC Program

Symptoms of Exposure

EYES - CAN CAUSE SEVERE IRRITATION. SKIN - CONTACT CAN CAUSE IRRITATION, DEFATTING, DERMATITIS. BREATHING - CAN CAUSE IRRITATION, DIZZINESS, NAUSEA, HEADACHE. SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

Medical Conditions Aggravated By Exposure

NONE KNOWN

Primary Route(s) of Entry

INHALATION, SKIN CONTACT

Emergency First Aid

INGESTION: CALL PHYSICIAN. DO NOT INDUCE VOMITING. INHALATION: REMOVE PERSON TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING IS INTERRUPTED. EYES: FLUSH WITH WATER FOR 10-15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER.

VI. Reactivity Data

Stability	<input checked="" type="checkbox"/>	Unstable		Conditions To Avoid
		Stable		HEAT, SPARKS AND OPEN FLAMES
Incompatibility				Materials To Avoid
				STRONG OXIDIZING AGENTS
Hazardous Polymerization	<input checked="" type="checkbox"/>	May Occur		Conditions To Avoid
		Will Not Occur		NONE
Hazardous Decomposition Products				
CARBON DIOXIDE, CARBON MONOXIDE				

VII. Environmental Protection Procedures

Spill Response

PREVENT IGNITION, STOP LEAK:

VENTILATE AREA. ABSORB WITH INERT MATERIAL, CONTAINERIZE FOR DISPOSAL.

Waste Disposal Method

LIQUID INCINERATION. CONTAMINATED ABSORBENT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

VIII. Special Protection Information

Eye Protection

SAFETY GOGGLES

Skin Protection

SOLVENT RESISTANT GLOVES

Respiratory Protection (Specific Type)

SELF-CONTAINED RESPIRATOR

Ventilation Recommended

LOCAL EXHAUST

Other Protection

NONE

IX. Special Precautions

Hygienic Practices In Handling & Storage

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. USE WITH ADEQUATE

VENTILATION. AVOID REPEATED INHALATION OF VAPOR AND PROLONGED SKIN CONTACT.

Precautions For Repair & Maintenance Of Contaminated Equipment

NONE

Other Precautions

NONE