BEBBINGTON INDUSTRIES SAFETY DATA SHEET XYLENE

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER

BEBBINGTON INDUSTRIES

44 WRIGHT AVENUE

DARTMOUTH, NOVA SCOTIA, CANADA B3B 1G6

PRODUCT NAME

XYLENE/XYLOL

CHEMICAL FORMULA

C6H4 (CH3)2

CHEMICAL FAMILY

XYLENES SOLVENT

MATERIAL USE EMERGENCY NUMBER

CANUTEC 1 613 996 6666

SECTION 02: HAZARDS IDENTIFICATION



PRODUCT: XYLENE/XYLOL

SECTION 03: COMPOSITION	N/INFORMATION ON INGR	EDIENTS
HAZARDOUS INGREDIENTS	CAS#	WT. %
XYLENE *CONTAINS ETHYLBENZENE, CAS# 100-41-4	1330-20-7 100-41-4	<100
SECTION 04: FIF	RST AID MEASURES	

GENERAL ADVICE:	CONSULT A PHYSICIAN. SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN
IF INHALED:	IF BREATHED IN, MOVE PERSON INTO FRESH AIR, IF NOT BREATHING, GIVE
IN CASE OF SKIN CONTACT: IN CASE OF EYE CONTACT: IF SWALLOWED:	WASH EYES WITH COPIOUS AMOUNT OF WATER

SECTION 05: FIRE FIGHTING MEASURES

FLAMMABILITY	FLAMMABLE IN THE PRESENCE OF A SOURCE OF IGNITION WHEN THE
	TEMPERATURE IS ABOVE THE FLASH POINT, KEEP AWAY FROM
SUITABLE EXTINGUISHING MEDIA	HEAT/SPARK/OPEN FLAME/HOT SURFACE. NO SMOKING.
	SUITABLE FOR SURROUNDING FIRE. USE MEDIA SUITABLE FOR SURROUNDING FIRE, SUCH AS WATER SPRAY, DRY CHEMICAL, FOAM.
HAZARDOUS COMBUSTION PRODUCTS	CARBON OXIDES.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	NO DATA AVAILABLE.
SPECIAL PROCEDURES	EVACUATE HAZARD AREA IMEAR FULL PROTECTIVE FOURDMENT INCLUDING A

 EVACUATE HAZARD AREA. WEAR FULL PROTECTIVE EQUIPMENT INCLUDING A SELF-CONTAINED BREATHING APPARATUS. USE WATER TO COOL CONTAINERS.

SECTION 06: ACCIDENTAL RELEASE MEASURES

	The state of the s
PERSONAL PRECAUTIONS:	USE PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, MIST OR
	GAS. ENSURE ADEQUATE VENTILATION. REMOVE ALL SOURCES OF IGNITION.
	EVACUATE PERSONNEL TO SAFE AREAS. BEWARE OF VAPOURS ACCUMULATING
	TO FORM EXPLOSIVE CONCENTRATIONS, VAPOURS CAN ACCUMULATE IN LOW
	AREAS.
ENVIRONMENTAL PRECAUTIONS:	PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. DO NOT LET
	PRODUCT ENTER DRAINS, DISCHARGE INTO THE ENVIRONMENT MUST BE
	AVOIDED.
METHODS AND MATERIALS FOR	CONTAIN SPILLAGE AND THEN COLLECT WITH ELECTRICALLY PROTECTED
CONTAINMENT AND CLEAN UP:	VACUUM CLEANER OR BY WET-BRUSHING AND PLACE IN CONTAINER FOR
	DISPOSAL ACCORDING TO LOCAL REGULATIONS.

SECTION 07: HANDLING AND STORAGE

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	PRECAUTIONS FOR SAFE HANDLING	HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY
	Ų	PRACTICES. AVOID CONTACT WITH EYES, SKIN AND CLOTHING, AVOID BREATHING MIST OR VAPOUR. WEAR PROTECTIVE EQUIPMENT DURING HANDLING. USE ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. TAKE MEASURES TO PREVENT THE BUILD UP OF
	CONDITIONS FOR SAFE STORAGE	ELECTROSTATIC CHARGE. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES, PROTECT CONTAINERS
	g ⁸	FROM PHYSICAL DAMAGE. KEEP THE CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. CONTAINERS SHOULD BE GROUNDED AND BONDED. STORE AWAY FROM INCOMPATIBLE MATERIALS. STORE IN A COOL AND WELL-VENTILATED AREA.
		KEEP AWAY FROM FLAMES AND SPARKS. STORE AWAY FROM STRONG

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

			r.		
INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL

XYLENE

20 ppm

125 ppm

PRODUCT: XYLENE/XYLOL

SECTION 08: EXPOSTIBLE (ONTDOLOGODODODANA
TECHOOL EXPOSURE	ONTROLS/PERSONAL PROTECTION

INGREDIENTS	TWA	CGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL
*CONTAINS ETHYLBENZENE, CAS# 100-41-4	20 ppm	125 ppm			
ENGINEERING CONTE	ROLS		TION, LOCAL	. EXHAUST SUGGESTED	FOR ENCLOSED
SKIN AND BODY PRO	TECTION	COMPLETE SUIT PR	OTECTING A	GAINST CHEMICALS TH	E TYPE OF PROTECTIVE
RESPIRATORY PROTE EYE/FACE PROTECTION HYGIENIC MEASURES	3N	AMOUNT OF THE DA FLAME RETARDANT USE NIOSH APPROV SPLASH PROOF CHE USE GOOD PERSON DRINKING, SMOKING	SE SELECTEL NGEROUS S ANTISTATIC ED SUPPLIEI MICAL GOGO AL HYGIENE OR USING	DACCORDING TO THE COUNTY OF THE SPECT OF THE	ONCENTRATION AND CIFIC WORKPLACE. B. IDS BEFORE EATING,
OTHER/TYPE		USING PLENTY OF S	OAP AND WA	HIY REFORE RELICE CL	HOWER AFTER WORK

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

ODOUR THRESHOLD	.IGIBLE.
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SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	STABLE UNDER RECOMMENDED STORAGE CONDITIONS. VAPOURS MAY FORM EXPLOSIVE MIXTURE WITH AIR.
CONDITIONS TO AVOID:INCOMPATIBLE MATERIALSHAZARDOUS DECOMPOSITIONPRODUCTS	STRONG OVIDIZING ACENTS

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
XYLENE *CONTAINS ETHYLBENZENE, CAS# 100-41-ACUTE TOXICITY: ORAL LD50 INHALATION LC50 DERMAL LD50 SKIN CORROSION / IRRITATION SERIOUS EYE DAMAGE / EYE IRRITATION	INHALATION-RAT- >20 mg/L BOVE. BOVE. AL-RABBIT: >4200 mg/kg. ES SKIN IRRITATION. ES EYE IRRITATION.	ORAL-RAT- >3523 mg/kg ORAL-RAT- 3500 mg/kg

PRODUCT: XYLENE/XYLOL

SECTION 11: TOXICOLOGICAL INFORMATION

RESPIRATORY OR SKIN SENSITIZATION NOT EXPECTED TO BE A RESPIRATORY OR SKIN SENSITIZER. NO EVIDENCE WAS FOUND OF MUTAGENICITY. NOT EXPECTED TO CAUSE CANCER. NO EVIDENCE FOUND OF REPRODUCTIVE TOXICITY. GERM CELL MUTAGENICITY.....

CARCINOGENICITY REPRODUCTIVE TOXICITY STOT- SINGLE EXPOSURE.....

MAY CAUSE RESPIRATORY IRRITATION. STOT - REPEAT EXPOSURE..... MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED

EXPOSURE, MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. ASPIRATION HAZARD. POTENTIAL HEALTH EFFECTS.....

INHALATION - MAY BE HARMFUL IF INHALED. CAUSES RESPIRATORY TRACT IRRITATION. VAPOURS MAY CAUSE DROWSINESS AND DIZZINESS, INGESTION - MAY BE HARMFUL IF SWALLOWED. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. EYES - MAY CAUSE EYE IRRITATION. SKIN - MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. MAY CAUSE SKIN

IRRITATION SIGNS AND SYMPTOMS OF EXPOSURE. NO DATA AVAILABLE.

SECTION 12: ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY..... EXPECTED TO BE READILY BIODEGRADABLE.

BIOACCUMULATIVE POTENTIAL..... IS PREDICTED TO BE LOW. TOXICITY.....

EC50 - DAPHNIA MAGNA (WATER FLEA) - 1 mg/L - 24H (XYLENE). TOXICITY TO FISH- LC50- ONCORTHYNCHUS MYKISŚ (RAINBOW TROUT) - 2.6 mg/L - 96H

(XYLENE) MOBILITY IN SOIL NOT EXPECTED TO PARTITION TO SEDIMENT AND WASTEWATER SOLIDS.

OTHER ADVERSE EFFECTS..... TOXIC TO AQUATIC LIFE.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:.... BURN IN AN APPROVED INCINERATOR IN ACCORDANCE WITH ALL APPLICABLE

LOCAL, PROVINCIAL AND FEDERAL LAWS AND REGULATIONS. PACKAGING:

EMPTY CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT ATTEMPT TO REFILL OR CLEAN CONTAINERS WITHOUT PROPER INSTRUCTIONS.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER 1307. TDG CLASSIFICATION..... 111.

XYLENES.

REFER TO TRANSPORTATION OF DANGEROUS GOODS REGULATIONS.

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION..... B2, D2A, D2B HPR COMPLIANCE.....

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE HPR AND THE SDS CONTAINS ALL THE INFORMATION

REQUIRED BY THE HPR.

SECTION 16: OTHER INFORMATION

PREPARED BY BEBBINGTON INDUSTRIES **JULY 2023**

DISCLAIMER:

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. BEBBINGTON INDUSTRIES SHALL NOT BE HELD LIABLE FOR ANY DAMAGE OR INJURY RESULTING FROM HANDLING OR, OR FROM CONTACT WITH THE ABOVE PRODUCT. ALL PERSONS USING THIS PRODUCT SHOULD BE WHMIS TRAINED.