CARADAN
OILFIELD CHEMICALS

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: C-6024

WHMIS CLASSIFICATION:

B2 - Flammable Liquid
D2B - Skin and Eye Irritant

TDG CLASSIFICATION:

FLAMMABLE LIQUID NOS* (Xylene)
Class 3 (9.2)
UN 1993
PG II

I PRODUCT INFORMATION

PRODUCT NAME: C-6024 PRODUCT USE: Corrosion Inhibitor

SUPPLIER: CARADAN OILFIELD CHEMICALS #6, 1906 – 4 Street
Nisku, Alberta T9E-7T8

MANUFACTURER CARADAN OILFIELD CHEMICALS (780) 955-3050

Emergency Telephone no: (780) 462-1557

II PREPARATION INFORMATION

PREPARED BY: CARADAN OILFIELD CHEMICALS INC.
PHONE: (780) 955-3050
EFFECTIVE DATE: February 13, 2002

III HAZARDOUS INGREDIENTS

Ingredient	Weight%	CAS#	LD(50) Oral-RAT	LC(50) Rat(inh)	ACGIH TLV
Xylene	60-98	1330-20-7	4.0 ml/kg	6350 ppm/4 hr	100 ppm
Blend	1-30	Trade Secret	3,523 mg/kg	5000 ppm/4 hr	NAV
Oxyalkylated Phenolic Resin	1-30	Trade Secret	NAV	NAV	NAV
Isopropyl Alcohol	1-30	67630	5045mg/kg	22627ppm/4 hr	NAV

IV PHYSICAL DATA

Physical State	Liquid	Odour Threshold	0.20-2.00
Specific Gravity @ 15 c	0.895	Evaporation Rate	0.75
Odour and Appearance	Aromatic odour amber colour	Vapour Density	3.8
Vapour Pressure (mmHg)	4.10	Freezing Point c	-40
Boiling Point c	126	PH (1% SOL)	N/A
Coefficient Water/Oil	3.30		

V FIRE AND EXPLOSION HAZARD DATA

Flash Point 30 Method tcc Upper Flammability Limit 12.0
Lower Flammability Limit 1.0
Auto ignition Temperature 520 c
Means of Extinction CO2 X Dry Chemical X Foam X Water Fog X
Condition of Flammability Avoid sources of ignition
Hazardous Combustion Products Carbon Monoxide, Carbon Dioxide.
Explosion Data: Mechanical Impact Probable
Static Discharge Probable

VI REACTIVITY DATA

Stability of Product X Stable __ Unstable __ Conditions of Instability
Incompatible Materials Oxidizers, acids, carbons.
Condition of Reactivity Attacks some types of rubber, plastics and coatings
Hazardous Decomposition Products Carbon monoxide, carbon dioxide, oxides of carbon

VII TOXICOLOGICAL DATA

Routes of Entry X Skin Contact X Skin Absorption X Eye Contact
X Inhalation X Ingestion

Class D, Division 2A- Very Toxic Materials

Acute Over Exposure Effects	See routes of entry
Chronic Over Exposure Effects	Severe overexposure can result in death. Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.
Exposure Limits	TWA: 100, CEIL: 150 ppm TWA: 435, CEIL: 655 mg/m^3
Irritancy Of Product	No Data
Sensitization To Material	No Data
Carcinogenicity	Classified A4 (Not classifiable for human or animal) by ACGIH.
Reproductive Effects	No Data
Teratogenicity, Mutagenicity	Detected in maternal milk in humans. Passes through the placental barrier in animals. High level exposure to Xylene in laboratory animals, often at levels which are toxic to the mother, have affected the development of the foetus. The relevance of this to humans is not known.
Toxicologically Synergistic Products	No Data

Class D, Division 2B- Toxic Materials

Inhalation	Excessive inhalation of vapours can cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

Class D, Division 2B- Toxic Materials Continued.

Eye Contact	May cause severe irritation, redness, tearing and blurred vision.
Skin Contact	Prolonged and repeated contact may cause sever irritation, defatting and dermatitis.
Skin Absorption	No Data

VIII FIRST AID MEASURES

SKIN CONTACT	Wash with soap and running water for 15 minutes. Wash clothes prior to reuse. If irritation persists, get medical attention**.**
EYE CONTACT	Flush with running water for 15 minutes holding the eyelid open. Call a physician and seek medical aid.
INGESTION	Do not induce vomiting if swallowed. If vomiting occurs spontaneously do not allow vomit to be breathed into the lungs as even a small quantity in the lungs may result in chemical pneumonitis and pulmonary edema/hemorrhage. Contact poison control centre for assistance. IMMEDIATLY transport victim to an emergency facility to obtain medical attention under the direction of a physician.
INHALATION	Remove patient to fresh air. Administer oxygen if breathing is difficult administer CPR if breathing has ceased. Call a physician.

IX PREVENTATIVE MEASURES PROTECTION INFORMATION

RESPIRATORY PROTECTION	An approved respirator with organic vapour cartridge for concentrations up to 1000 ppm.
VENTILATION	Local exhaust ventilation recommended for controlled products.
PROTECTIVE GLOVES	Viton gloves recommended.
OTHER PROTECTIVE EQUIPMENT	It is suggested to use chemical resistant protective clothing when handling this product. Make eye wash station and emergency shower available.

X PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE.

Practice reasonable caution and personal cleanliness. Launder exposed clothing before reuse. Avoid skin and eye contact, Wear protection for eyes and skin when handling. Store in well ventilated place.

XI STEPS TO BE TAKEN INCASE OF RELEASE OR SPILL

Use appropriate safety equipment. Avoid all bodily contact with spilled material. Small spills, soak up with absorbent material. Large spills, dike to contain spill to prevent water pollution. Recover diked material, return material to plant. Do not allow material to enter sanitary sewers or storm water inlets.

XII WASTE DISPOSAL METHOD

Absorb spilled material with non-flammable absorbent, incinerate/dispose to conform with local disposal regulations.

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For more information please contact CARADAN OILFIELD CHEMICALS