

MATERIAL SAFETY DATA SHEET

SECTION1: MATERIAL IDENTIFICATION AND USE		FLAMMABILITY HEALTH	REACTIVITY PERSONAL PROTECTION
Material Name Identifier : iXtend			
Manufacturer's Name: QUALITY LIQUID PACKAGING			
Address: 50 Tiffield Road Unit 9			
City: Toronto	Province: Ontario		
Postal Code: M1V 5B7	Emergency Telephone# (416) 609-0828		
Trade Name & Synonyms Rev771		Material Use : to prevent frozen systems and gas line	

COMPONENTS

Composition	%WW	Case#	LD50mg/kg Oral/rat	LC50	TLV ppm8h
Methanol	50 to 60	67-56-1	7500	64000	200
I.P.A 99%	10 to 30	67-63-0	5000	22600	400
Xylene(Someric mixture)	5 to 20	1330-20-7	4300	5000	100
Diacetone	2 to 5	123-42-2	13600	1065	50

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	Liquid	Odour	solvent
Appearance:	Colourless	Odour Threshold:	Not available.
Pour Point	Pour Point -30°C	Boiling Point	
Vapour Tension:	2,6	Vapour Density (air=1):	Not available.
Boiling range	70°C	Freezing Point:	-50°C
Density(g/mL)	0.79	Distribution factor water/oil	Not available
pH:	8.40	Water Solubility (25°C)	Not available

FIRST AID MEASURES

Absorption ways:		Contact:	
Skin: ✓	Inhalation ✓	Ingestion ✓	With skin ✓ Eyes ✓

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Effects of exposure to product: Product can irritate mucus glands. High doses can provoke headaches drowsiness nausea dizziness and fainting. Inhalation may aggravate cases of emphysema and bronchitis. Repeated contact with skin provokes irritations dryness of the skin and cracking of the skin.

EYE: Flush eyes with cold water for at least 20 minutes while holding eyelids open. Consult a physician.

SKIN: Remove any contaminated clothing. Wash immediately with soap and water and rinse with large amounts of water. If irritation occurs and persists obtain immediate medical attention. If material is injected under the skin, get medical attention promptly to prevent serious damage; do not wait for symptoms to develop.

INHALATION: Remove exposed person to fresh air. If breathing is difficult, administer oxygen. If person is not breathing give artificial respiration. Obtain medical attention.

INGESTION: Induce vomiting. Keep victim at rest and warm. If spontaneous vomiting occurs, avoid the victim from inhaling its vomit. Get medical assistance immediately.

PREVENTIVE MEASURES:

PROTECTIVE Equipment: Gloves, Safety glasses, respirator and protective apron.

Gloves: Rubber, nitrile, PVC

Respiratory System: Necessary over the permitted limit.

Ocular Instruments: Safety Glasses

Clothing: Protective apron

Technical control: Ventilation.

Explosion and Fire risks

Extinguishing Methods: Chemical extinguisher and /or foam for alcohol

Flash Point: 9°C(closed cup)

Auto Ignition Temps: Not Available

Flammability(%per volume)

Superior Limit: 26.5

Lower Limit: 5.5

Hazardous Combustion Products The incomplete combustion of the product could result in producing carbon monoxide and other toxic gas.

PROCEDURE IN CASE OF LEAKS/SPILLS:

Flammable liquid. A spill would cause and immediate fire hazard. Supply proper equipment and be sure to close every source of ignition. Cease spill and prevent from going into sewers or aqueduct Advise proper authorities. For a small spill use a good and inert absorbent material and dispose into a good container.

HANDLING: Handle and open the containers with precautions. Do not weld or cut the containers because they can contain residues from flammable vapours. Do not heat or pressurize containers. Do not put any non-combustible material in empty containers. Violent chemical reactions can occur Do not smoke eat or drink in working area. Practice a good personal hygiene after handling of the product. Keep containers electrically grounded specially during manipulation or while transferring. The material can accumulate static.

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STABILITY AND REACTIVITY:	
Chemically Stable:	Yes
Incompatible Materials	Avoid Strong oxidizing agents and flames and/or sparks.
Conditions of Reactivity	No hazardous polymerization.

PREPARATION DATE OF M.S.D.S.

THIS MSDS WAS PREPARED ON September 1, 2014

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