

**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING**

**PRODUCT NAME:** MEK Solvent & Degreaser for PVC Inflatable Boat Fabric

**Use of substance/mixture:** Cleaner

Inflatex Ltd.  
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Uxmore Farm  
Kit Lane  
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RG8 0TY

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**2 HAZARDS IDENTIFICATION**

Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Highly flammable. Irritating to eyes.

CLASSIFICATION (1999/45) Xi;R36. F;R11. R66, R67.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification (67/548)
BUTANONE	201-159-0	78-93-3	60-100%	F;R11 Xi;R36 R66 R67
ACETONE	200-662-2	67-64-1	<1%	F;R11 Xi;R36 R66 R67

The Full Text for all R-Phrases are Displayed in Section 16

**4 FIRST-AID MEASURES****GENERAL INFORMATION**

NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**INHALATION:** Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION:** DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**SKIN CONTACT:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.  
**EYE CONTACT:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.

## 5 FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.  
**SPECIFIC HAZARDS:** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO).  
**PROTECTIVE MEASURES IN FIRE:** Wear self contained breathing apparatus if significant amounts involved

## 6 ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN UP METHODS:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use explosion proof electric equipment.  
**STORAGE PRECAUTIONS:** Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.  
**STORAGE CLASS:** Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANONE	WEL	200 ppm	600 mg/m <sup>3</sup>	300 ppm	899 mg/m <sup>3</sup>	
ACETONE	WEL	750 ppm	1810 mg/m <sup>3</sup>	1500 ppm(Sk)	3620 mg/m <sup>3</sup> (Sk)	

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS:**  
 OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT**



ENGINEERING MEASURES:	Provide adequate general and local exhaust ventilation. Maintain efficient ventilation/extraction using flameproof equipment where necessary.
RESPIRATORY EQUIPMENT:	Respiratory protection must be used if air contamination exceeds acceptable level.
HAND PROTECTION:	Use protective gloves.
EYE PROTECTION:	Use approved safety goggles or face shield.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENE MEASURES:	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid		
COLOUR:	Colourless		
ODOUR:	Ketonic		
SOLUBILITY:	Miscible with water		
BOILING POINT (°C):	80	RELATIVE DENSITY:	0.805
FLASH POINT (°C):	-4 CC (Closed cup)	FLAMMABILITY LIMIT - LOWER(%):	1.8

## 10 STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperature conditions.
CONDITIONS TO AVOID:	Avoid heat. Avoid contact with oxidisers or reducing agents.

## 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50:	> 2000 mg/kg (oral rat)
TOXIC DOSE 2 - LD 50:	> 2000 mg/kg (oral-rbt)
TOXIC CONC. - LC 50:	> 20 mg/l/4h (inh-rat)
INHALATION:	Vapours may cause drowsiness and dizziness.
SKIN CONTACT:	Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Repeated exposure may cause skin dryness or cracking.
EYE CONTACT:	Irritating to eyes. Vapour or spray may cause temporary (reversible) eye damage.
ROUTE OF ENTRY:	Inhalation. Skin and/or eye contact.
MEDICAL SYMPTOMS:	High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

## 12 ECOLOGICAL INFORMATION

ECOTOXICITY:	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
MOBILITY:	The product contains organic solvents which will evaporate easily from all surfaces.
BIOACCUMULATION:	The product is not bioaccumulating.
DEGRADABILITY:	Readily biodegradable

## 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION



UK ROAD CLASS:	3		
PROPER SHIPPING NAME:	ETHYL METHYL KETONE (METHYL ETHYL KETONE)		
UN NO. ROAD:	1193	UK ROAD PACK GR.:	II
ADR CLASS NO.:	3	ADR CLASS:	Class 3: Flammable liquids.
ADR PACK GROUP:	II	TUNNEL RESTRICTION CODE:	(D/E)
HAZARD No. (ADR):	33	ADR LABEL NO.:	3
HAZCHEM CODE:	•2YE	CEFIC TEC(R) NO.:	30GF1-I+II
RID CLASS NO.:	3	RID PACK GROUP:	II
UN NO. SEA:	1193	IMDG CLASS:	3
IMDG PACK GR.:	II	EMS:	F-E, S-D
UN NO. AIR:	1193	AIR CLASS:	3
AIR PACK GR.:	II		

## 15 REGULATORY INFORMATION

### LABELLING



Irritant



Highly Flammable

### RISK PHRASES

R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.  
 R11 Highly flammable.  
 R36 Irritating to eyes.

### SAFETY PHRASES

S9 Keep container in a well-ventilated place.  
 S16 Keep away from sources of ignition - No smoking.  
 S25 Avoid contact with eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37 Wear suitable gloves.  
 S51 Use only in well-ventilated areas.

### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.

### STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended)

## 16 OTHER INFORMATION

INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION COMMENTS

REVISION DATE: See Revision Date above

RISK PHRASES IN FULL

R11 Highly flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

## DISCLAIMER

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