

MATERIAL SAFETY DATA SHEET
MEK Wipes

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

REFERENCE	All products containing MEK
REVISION DATE	19 March 2014
REVISION NUMBER	Orig.
SUPPLIER	Adamtech Ltd 7B Whitebridge Industrial Estate Stone Staffordshire ST15 8LQ England
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2 COMPOSITION / INFORMATION

Non-woven fabric impregnated with butanone where the liquid is wholly contained within the structure of the wipe	
EC number: 201-159-0	CAS number: 78-93-3
CLASSIFICATION (EC1272/2008)	CLASSIFICATION (67/548)
Flam liq 2 – H225	F;R11
EUH066	Xi;R36
Eye irrit. 2 – H319	R66
STOT Single3 – H336	R67

3 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45)	Xi, R36. F;R11. R66, R67	
CLASSIFICATION (EC 1272/2008)	Physical	Flam. Liq.2 – H225
	Health	EUH066; Eye Irrit. 2 – H319; STOT Single 3 – H336
	Environmental	Not classified

LABEL IN ACCORDANCE WITH (EC) NO.1272/2008



SIGNAL WORD	Danger
HAZARD STATEMENTS	
EUH066	Repeated exposure may cause skin dryness or cracking
H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
PRECAUTIONARY STATEMENTS	
P210	Keep away from heat/sparks/open flames/hot surfaces.- No smoking.
P243	Take precautionary measures against static discharge
P260e	Do not breathe vapours.
P280a	Wear protective gloves.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes.

P370 Remove contact lenses, if present and easy to do so. Continue rinsing.
P501D In case of fire: Use alcohol resistant foam or dry powder for extinction.
Empty containers may contain residual product and vapours.
Do not cut or weld on or near empty containers.
Disposal should only be by means of a licensed waste disposal contractor.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P233 Keep container tightly closed
P243 Take precautionary measures against static discharge
P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with shower/water
P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of exposure. Provide fresh air, first-aid, warmth and rest.
Do not give victim anything to drink if they are unconscious. Seek medical attention if any discomfort continues.

INHALATION

If unconscious place patient in recovery position and make sure they are breathing. Clean nose and mouth with water.
Artificial respiration may be administered by suitably qualified first aider. If symptoms persist seek medical attention.

INGESTION

If swallowed DO NOT induce vomiting.

SKIN CONTACT

May cause redness and discomfort. Flush with plenty of water. Repeated skin contact may cause dermatitis.
If irritation develops or persists seek medical attention.

EYE CONTACT

If contact lenses are worn they must be removed from eyes before rinsing.
Immediately rinse eyes with plenty of clean water while lifting the eyelids.
Continue rinsing for at least 15 minutes and until the eyes are free of all traces of contamination.
Seek medical attention if any discomfort or irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use CO₂, dry powder, foam, or water fog, mist or spray

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Ventilate the area to dispel vapours. Clean-up personnel should use respiratory protection, gloves, goggles and protective clothing and footwear.

ENVIRONMENTAL PRECAUTIONS

Do not allow spilled material to enter drains or water courses.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Use only in well ventilated areas. Do not breathe vapour or fumes. Use suitable protective clothing. Wash after handling.

STORAGE PRECAUTIONS

Keep away from all possible sources of ignition.

Store in a cool, dry place out of direct sunlight. Consult local fire code authority having jurisdiction to allow storage as an ordinary combustible material.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

NAME	Butanone
Std	Workplace exposure limit
TWA – 8hrs	200ppm – 600 mg/m ³
STEL -15min	300ppm – 899 mg/m ³

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate extraction to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient then suitable respiratory protection must be provided.

HAND PROTECTION

Wear suitable protective gloves to EN374.

EYE PROTECTION

Contact lenses should not be worn when working with this chemical.

OTHER PROTECTION

Reduce air contamination to permissible exposure level.

Minimise all forms of skin contact.

HYGIENE MEASURES

When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear, colourless liquid.		
ODOUR /TASTE	Recognisable., like ketone		
SOLUBILITY	Miscible with water and most organic solvents		
BOILING POINT (°C)	78-80.5°C	MELTING POINT (°C)	-86.3°C
RELATIVE DENSITY	0.804 @ 20°C	VAPOUR DENSITY (air=1)	2.1
VAPOUR PRESSURE	105 hPa 20°C	VISCOSITY	3 mPas 20°C
FLASH POINT (°C)	-4°C CC	AUTO IGNITION	514°C
		TEMPERATURE	
FLAMMABILITY LIMIT- LOWER %	2	FLAMMABILITY LIMIT- UPPER %	12

10 STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions of storage and use.
MATERIALS TO AVOID	Strong oxidising substances. Strong acids. Strong alkalis
CONDITIONS TO AVOID	Heat, flames, sunlight and other sources of ignition.
HAZARDOUS POLYMERISATION	Will not polymerise.
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours

11 TOXICOLOGICAL INFORMATION

INHALATION	ND
INGESTION	ND
SKIN CONTACT	Repeated exposure may cause skin dryness or cracking.
EYE CONTACT	Irritant to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY	ND
BIOACCUMULATION	Will not bio-accumulate.

13 DISPOSAL CONSIDERATIONS

Licensed landfill or authorised incineration, depending on local legislation

14 TRANSPORT INFORMATION



ADR/RID NO.	4.1
Class :	Flammable solids
IMDG class	4.1
UN No:	3175
Packaging group:	II

15 REGULATORY INFORMATION

RISK PHRASES

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

HAZARD STATEMENTS IN FULL

H319	Causes serious eye irritation
H225	Highly flammable liquid and vapour
H336	May cause drowsiness or dizziness
EUH066	Repeated exposure may cause skin dryness or cracking

16 OTHER INFORMATION

<u>REVISION COMMENTS</u>	
<u>REVISION DATE</u>	19 March 2014

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. The information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.