

01 Chemical Product and Company Identification

Product Name: MECH-COOL: Cutting & Tapping Lubricant Aerosol
 Product Code: MECA01
 Supplier: Chaucer Solutions Ltd, Leycourt Farm, Gt. Gransden, Beds SG19 3AS
 Emergency Telephone: Tel: +44-1767 677445

02 Composition/Information Ingredients

Hazardous Ingredients:

	% Content	CAS No:	EC No:	Symbol:	R Phrases:
NAPTHA	30-60	64742-49-0	265-151-9	Xn,F	R11,38,51/53,65,66
MINERAL OIL	30-60	64742-52-5	265-155-0		Not classified
ISOBUTANE	1-5	75-28-5	200-857-2	Fx	R12
BUTANE	5-10	106-97-8	203-448-7	Fx	R12
PROPANE	10-30	74-98-6	200-827-9	Fx	R12

03 Hazards Identification

Classification: Extremely Flammable

04 First Aid Measures

Eye Contact: Rinse immediately with water for 10 minutes. Seek medical attention if any irritation persists.
 Skin Contact: Wash thoroughly with water. Take of contaminated clothing.
 Inhalation: Move victim into fresh air. Seek medical advice if victim feels unwell.
 Ingestion: Wash mouth with water. Seek medical advice if victim feels unwell.

05 Fire Fighting Measure

Extinguishing Media: Powder, dry chemical, sand, water spray.
 Special Exposure Hazards: Possible risk of rupture when exposed to fire/high temperature.
 Advice for Firefighters: Keep container(s) exposed to fire cool, by spraying with water.

06 Accidental Release Measures

Clean Up Methods: Absorb spilled material with sand or other inert material. Dispose of in accordance with local authority waste disposal.
 Environmental Precautions: Do not allow to enter sewers or public watercourses.

07 Handling and Storage

Handling : Keep away from sources of ignition and direct sunlight.
 Storage: Store in a cool, dry place away from all sources of heat exceeding 50c.

08 Exposure Controls and Personal Protection

Hazardous ingredient. EU established exposure limits:	CAS-No:	TWA	STEL
NAPTHA	64742-49-0	1000 ppm	1500 ppm
ISOBUTANE	75-28-5	600 ppm	750 ppm
BUTANE	106-97-8	600 ppm	750 ppm
PROPANE	74-98-6	600 ppm	750 ppm

Personal Protection

Safety glasses/goggles if there is a risk of eye contact.

Wear protective gloves if in contact with skin.

No specific ventilation, except in confined spaces.

GOOGLES



GLOVES



MASKS

MATERIAL SAFETY DATA SHEET MECH-COOL

09 Physical and Chemical Properties

Appearance:	Aerosol
Colour:	Amber
Odour:	Characteristic
Flash point:	15 °C (Closed Cup)
Explosion upper limit:	0.6
Explosion lower limit :	9.0
Vapour pressure:	Not Applicable
Relative density 20°C:	1.08 g/cm ³ (@ 20°C)
Solubility in water:	Insoluble in water

10 Stability and Reactivity

Classification	Extremely flammable
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11 Toxicological Information

Skin Contact:	Prolonged skin contact will result in de fattening of the skin, leading to irritation, and in some cases, dermatitis.
Eye Contact:	May cause irritation.
Inhalation:	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness.
Ingestion:	May cause gastrointestinal disturbances.

12 Ecological Information

Degradability:	Dangerous to the environment if discharged into watercourses.
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13 Disposal Considerations

Disposal Method:	Dispose of in accordance with local authority waste disposal. Do not allow to enter sewers or public watercourses.
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14 Transportation Information

UN Number:	Un 1950
Transport Name:	Aerosol
Class:	2
Label:	Extremely Flammable

15 Regulatory Information

	Extremely Flammable	Irritant	Dangerous to the Environment
Label for Supply:			
Risk Phrase:	R12 Extremely Flammable R36 Irritating to eyes R38 Irritating to skin R50/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic Environment		
Safety Phrases:	S16 Keep away from sources of ignition - No smoking S23 Do not breathe gas/fumes/vapour/spray S51 Use in a well ventilated areas		
UK Regulatory References:	The Control of Substances Hazardous to health Regulations 2008 The Chemicals (Hazard Information & Packaging) Regulations 2008		
Approved Code of Practice :	Classification and labelling of Substances and Preparations Dangerous Supply		

16 Other Information

User Notes:	The information in this safety data sheet is compiled in compliance with Directive 2001/58/EC and is accurate to the best of our knowledge. The COSHH assessment should also ensure that recommended safety equipment is available and where applicable the exposure limits detailed in section 8 are not exceeded.
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