

MATERIAL SAFETY DATA SHEET

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

Product Name: MAGIC WRENCH® Aerosol
Chemical Family: Synthetic & white mineral oil
Use: Penetrant and lubricant for use in food contact
Manufacturer/Supplier: JET-LUBE (UK) LIMITED
Address: Reform Road, Maidenhead, Berkshire, SL6 8BY, UK
Telephone: 01628 631913 **Fax:** 01628 773138
Emergency Telephone: 07919 488301

2) HAZARDS IDENTIFICATION

Main Hazards - Health Effects

Eyes: May cause irritation.
Skin: For sensitive persons, may irritate the skin after prolonged periods of contact.
Inhalation: Viscous nature may block breathing passages if inhaled.
Ingestion: May cause diarrhoea.

3) COMPOSITION/INFORMATION OF INGREDIENTS

Hazardous Components	CAS No	EC No	WT%	OSHA PEL	ACGIH TLV	Other
Petroleum oils	8042-47-5	232-455-8	30-35	5mg/m ³ (As mist)	10mg/m ³	*
	9003-29-6	500-004-7	30-35	5mg/m ³	10mg/m ³	
Hydrocarbon Propellant	68476-85-7	270-704-2	20-25	1,000ppm	1,000ppm	
Benzenamine	68411-46-1	270-128-1	15-20	10,000ppm	10,000ppm	

* Base oil DMSO <3% to IP346 so carcinogen warning does not apply

4) FIRST AID MEASURES

Eyes: Flush with water until all residual is gone. If irritation persists, seek medical help.
Skin: Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.
Inhalation: Clear air passage and seek medical help, if respiratory difficulty continues.
Ingestion: Do not induce vomiting. Consult physician

5) FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder, carbon dioxide, sand, earth or water mist.
Unsuitable Extinguishing Media: Water jet
Protective Equipment for Fire-fighting: Self contained breathing apparatus.

6) ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear gloves & protective overalls
Environmental Precautions: Do not allow it to enter drains or watercourses.
Spillage: Scrape up bulk, then wipe up remainder with cloth.
To prevent walking hazard, pick up remaining residue with diatomaceous earth or sand.

7) HANDLING AND STORAGE

Handling: No special handling precautions necessary.
Storage: Do not store at elevated temperatures
Aerosols: Pressurised container, protect from sources of ignition, direct sunlight and temperatures above 50°C. Do not puncture or burn, even after use. Keep away from children

8) EXPOSURE CONTROL/PERSONAL PROTECTION

Hand Protection: Protective gloves for sensitive persons.
Eye Protection: Glasses, if applied to parts in motion.
Body Protection: Overalls
Respiratory Protection: None needed

9) PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Fluid
Colour: Clear water white/yellow
Boiling Range/Point (°C): 316
Flash Point (PMCC) (°C): 232
Propellant Flash Point: -60
Explosive Properties: LEL: 0.9%UEL: 7%
Evaporation Rate (Butyl Acetate): <0.01
Vapour Pressure: <0.01
Percent Volatile: Nil
Oxidising Properties: None
Colour: Clear water white/yellow
Melting Point (°C): N/A
Autoignition Temp (°C): >500 (260)
Vapour Density: >5
Partition Coefficient (Log Pow): N/A
Density (Kg/dm³): 0.83
Flammability: Not flammable at ambient temperatures
OAR Value: N/A
Solubility in Water: Nil

10) STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions. No photo reactive agents.
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.
Materials to Avoid: Strong inorganic & organic acids, oxidizing agents.
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulphur, and nitrogen. Residue mainly comprised of soot & mineral oxides.

11) TOXICOLOGICAL INFORMATION

Acute Toxicity: Not known
Irritancy -Skin: Very mild
Skin Sensitisation: Not known
Sub-acute/Sub-chronic Toxicity: Not known
Genotoxicity: None known
Chronic Toxicity: None known
California Prop 65: Not Applicable
Carcinogen: NTP: No
IARC: No
OSHA: No
EC Classification (67/548/EEC): No
LC-50: >4000mg/kg-extrapolated from component data.
LD-50: Not applicable

12) ECOLOGICAL INFORMATION

Possible Effects: May act as a marine pollutant
Behaviour: Bioaccumulation nil.
Environmental Fate: Nontoxic to marine/land organisms.

13) DISPOSAL CONSIDERATIONS

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice.
Container Disposal: Contact waste disposal company or local authority for advice.

14) TRANSPORT INFORMATION

UN No: 1950
Air Transport (ICAO & IATA): Class 2.1
Road & Rail Transport (ADR/RID): Class 2.1
Proper shipping name: Aerosols, flammable
Sea Transport (IMO & IMDG): Aerosol Class 2.1
Packing group: N/A

15) REGULATORY INFORMATION

Labelling Information: Extremely flammable liquid N.O.S./Aerosols
EC Annex 1 Classification: N/A
R Phrases: R12 Extremely flammable. R20/22 Harmful by inhalation and if swallowed
R67 Vapours may cause drowsiness and dizziness.
S Phrases: S2 Keep away from children S3 Keep in a cool place.
S51 Use only in well-ventilated areas.
Symbols (If Required): F, Flame Symbol

16) OTHER INFORMATION

Date of Original Issue: 26/03/01
Revision No: 3BR
Date of This Revision: 8th Jan 2010
Revised Sections: 14 trans, 15 labelling

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