

QUANTUM BRAKE AND CLUTCH CLEANER AEROSOL SPRAY

1. Identification of the Preparation and Company

Preparation trade name: Quantum Brake and Clutch Cleaner Aerosol Spray

Company/undertaking name, address, and normal telephone number:

Miswa Chemicals Ltd, Caswell Road, Brackmills Industrial Estate, Northampton, England NN4 7PW

Tel: 01604 701111

2. Composition/Information on Ingredients

Material	%W/W	Einecs No.	Haz/R Phrase
Isopropanol Distillates (Petroleum)	20-40	200-661-7	F, Xi R11, R36, R67
Hydrotreated light	20-40	265-149-8	Xn R10, R65, R66
Propane	0-10	200-827-9	F+, R12
Butane	10-20	203-448-7	F+, R12
Isobutane	0-10	2	F+, R12

3. Hazards Identification

Extremely flammable, irritating to eyes.

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Vapours may cause drowsiness and dizziness.

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn even after use. Do not aerosol spray on a naked flame or any incandescent material.

4. First-Aid Measures

Inhalation: Remove to fresh air at once. If symptoms continue or patient is unconscious seek medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothing.

Eye Contact: Rinse with copious water. If irritation continues seek medical attention.

Ingestion: Although this is unlikely with an aerosol dispenser, if it does occur, do not induce vomiting. Seek medical attention immediately.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Carbon dioxide, powder, foam, water fog to cool cans.

Unsuitable Extinguishing Media: Water jet.

Special Exposure Hazards in Fire: Pressurised containers may explode in fire. Use water to keep fire exposed containers cool.

Required Special Protective Equipment for the Fire Fighters: Wear self contained breathing apparatus when large quantities are involved.

6. Accidental Release Measures

Personal Precautions: Ventilate the area and extinguish all ignition sources. Do not use on any electrical equipment. Wear solvent resistant gloves and where necessary use an organic vapour mask.

Environmental Precautions: Use absorbant material - do not flush into drains.

Methods for Cleaning: Use detergent cleaner.

QUANTUM BRAKE AND CLUTCH CLEANER AEROSOL SPRAY

7. Handling and Storage

Handling: Use in well-ventilated area or with local extraction do not smoke when vapours are present.

Storage: Store in cool, dry areas, protect from sunlight and do not expose to temperatures exceeding 50°C.

8. Exposure Controls

Take measures to prevent: Excessive inhalation.

Exposure Control Limits and Source:

Butane - 600ppm 8hr TWA

Propane - 1000ppm 8hr TWA

Distillates - 1000ppm 8hr TWA

(HSE Guidance Notes EH40).

Respiratory protection: If there is insufficient ventilation/extraction, wear an organic vapour mask, air flow mask or self contained breathing apparatus.

Hand Protection: Wear solvent resistant gloves.

Skin Protection: Cover with overalls or other suitable clothing.

Eye Protection: Wear safety glasses.

9. Physical and Chemical Properties

Appearance: Externally printed/labelled 3 piece tinfoil aerosol can.

Odour: Solvent

Vapour Pressure: About 50 psig @ 20°C

Relative Density: 0.7

Solubility (Water and Oil): Insoluble in water. Soluble in most organic solvents.

Flammability: Lower limit - 0.8% Butane/Propane

Upper limit: 13%.

10. Stability and Reactivity

Conditions to avoid: Extremes of temperature especially exceeding 50°C.

Materials to avoid: Strong oxidising agents

Hazardous Decomposition Products: Incomplete combustion may give rise to carbon monoxide.

11. Toxicological Information

Deliberate concentration and inhalation may be harmful or fatal.

Prolonged or repeated skin contact may cause drying of the skin or dermatitis.

Gas or vapour in high concentrations may irritate respiratory system.

12. Ecological Information

Environmental fate: Expected to biodegrade slowly.

Toxic to aquatic organisms.

QUANTUM BRAKE AND CLUTCH CLEANER AEROSOL SPRAY

13. Disposal Considerations

Safe handling of any residues/waste product: Dispose of according to local regulations.

14. Transport Information

Classification data:

UN No: 1950

Proper Shipping Name: Aerosols

IATA Class: 2.1 **ADR/RID Class:** 2 **IMDG Class:** 2

Flammable Gas: 2



15. Regulatory Information

Supply Label Information:

RR38: Irritating to skin.

R51/53: toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R67: vapours may cause drowsiness and dizziness.

S2: keep out of reach of children

S16: keep away from sources of ignition – no smoking

S23: do not breathe vapour/Aerosol Spray

S24/25: Avoid contact with skin and eyes

S26: in case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S29: Do not empty into drains

S51: use only in well-ventilated areas.



**HIGHLY
FLAMMABLE**



IRRITANT



**DANGEROUS FOR
THE ENVIRONMENT**

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. do not pierce or burn even after use. Do not Aerosol Spray on a naked flame or any incandescent material. Keep away from sources of ignition – No smoking (Solvent abuse can kill instantly).

Applicable EU provisions and associated UK legislation:

CHIP

Aerosol Directive

Note: This data sheet does not constitute a users assessment of workplace risk as required by hsw act, coshh, management of health and safety at work regulations or any other health and safety legislation.

QUANTUM BRAKE AND CLUTCH CLEANER AEROSOL SPRAY

16. Other Information

Recommended uses and restrictions: Use only as a degreaser and as directed.

Sources of key data used to compile Safety Data Sheet:

CHIP

Suppliers Safety Data Sheets

BAMA Code of Practice

Other: Meaning of R phrases used in section 2:

R11: Highly Flammable.

R12: Extremely flammable.

R36: Irritating to eyes.

R51/53: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

The data contained in this Safety Data Sheet has been supplied as required by the **Chemicals (Hazard Identification and Packaging for Supply) Regulations**, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information supplied.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.