



Material Safety Data Sheet

IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Company Name Quality Auto Treatments
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Product Name **QAT Brake Cleaner**
Other Names Not relevant
Manufacturers Code Not relevant
UN Number 1950
DG Class / Subrisk 2.1
Hazchem Code 2Y
PS Number 6
Use Brake and parts cleaner

PHYSICAL DATA

Appearance Aerosol, clear spray
Boiling / Melting Point Not available
Vapour Pressure Not available
Specific Gravity 0.89 approx.
Flashpoint Not available
Flammability Limits Not available
Solubility in Water Not available
Other Properties Not relevant

INGREDIENTS

Chemical Name	CAS Number	Proportion
Tetrachloroethylene	127-18-4	30 – 60%
Dichloromethane	75-09-2	10 – 30%
Hydrocarbon propellant		30 – 60%
- Propane	74-98-6	
- Butane	106-97-8	
Other ingredients		to 100%

QAT Brake Cleaner

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Carc. Cat 3: Limited evidence of a carcinogenic effect.

Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Possible risks of irreversible effects.

Swallowed: Exposure unlikely due to nature of product, however, may cause irritation of the gastrointestinal system. Symptoms may include sensation of drunkenness, tingling sensation, blood disorders, convulsions, unconsciousness and possibly death. Avoid contact with food.

Inhalation: Avoid breathing dust or vapour or spray mist. Vapour is harmful to health on prolonged exposure. Do not breathe vapour. May cause irritation to the mucous membrane and upper airways if excessive vapours are generated resulting in respiratory irritation and central nervous system effects similar to those of ingestion.

Skin: Avoid contact with skin. Absorption through the skin may be a significant source of exposure. May cause moderate to severe irritation. Prolonged or repeated contact may lead to dermatitis, due to the degreasing properties.

Eyes: Eye contact or high vapour concentrations can cause severe irritation. Avoid contact with eyes.

Chronic: Prolonged and repeated exposure of Dichloromethane through skin contact, inhalation or ingestion of this material can result in cumulative toxic effects including central nervous system effects. Systemic effects of high concentrations or chronic exposure can also include blood changes (haemoglobin) and damage to kidneys or liver.

FIRST AID

For advice, contact a Poisons Information Centre, Phone Australia 13 1126; New Zealand 0800 764 766, or a doctor at once.

If sprayed in mouth, rinse mouth with water.

If in eyes, hold eyelids apart and flush the eye continuously with running water.

Continue flushing until advised to stop by the poisons information centre or a doctor, or for at least 15 minutes.

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair immediately with running water.

If swallowed, do NOT induce vomiting.

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

PRECAUTIONS FOR USE

Keep out of reach of children. Avoid contact with food. Wear suitable gloves. Wear suitable protective clothing.

Pressurised dispenser.

Flammability Flammable. Keep away from sources of ignition. No smoking. Forms dangerous gas near radiators or naked flames. Do not spray on naked flame or any incandescent material. Avoid static charge and discharge with high concentrations and in confined space.

There is no established TLV for this product. Avoid exposure – obtain special instructions before use.

Exposure Standards TWA for Dichloromethane is 50ppm
TWA for Butane is 800ppm
Propane is an asphyxiant

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Engineering Controls	Spray in a well ventilated area. Do not breathe vapour. Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space.
Environment	N - Dangerous for the Environment. Avoid release to the environment. Refer to special instructions / safety data sheets. May cause long term adverse effects in the aquatic environment. Toxic to aquatic organisms.

SAFE HANDLING INFORMATION

Storage & Transport	Store in a well ventilated area. Pressurised dispenser. Protect from sunlight and do not expose to temperatures exceeding 50 C. Do not pierce or burn this can, even when empty. Store away from corrosive products. Store in accordance with Dangerous Goods Regulations and transport in accordance with the ADG Code for Dangerous Goods Class 2.1
Spills & Disposal	Dispose of can by putting in garbage or leaving it at an appropriate metal recycling collection point. Do not empty into drains. Remove all ignition sources and ventilate area. Remove possible leaking containers and absorb in inert absorbent material for disposal by an approved method and / or local regulations.
Fire/ Explosion Hazard	Extremely flammable. Closed containers may rupture when exposed to heat greater than 50 C. Propellant is extremely flammable and heavier than air.

REGULATORY INFORMATION

Poisons Schedule	Not applicable
Additional information	Not applicable

OTHER INFORMATION

Date of preparation	09/12/08
Issue	09/12/08