

Safety Data Sheet

Effective Date: September 9, 2012

Print Date: August 15th, 2013

1. CHEMICAL NAME AND COMPANY NAME

CHEMICAL PRODUCT NAME Super Brake Cleaner SBC480
Brake and parts cleaning liquid, aerosol spray
NAME OF MANUFACTURER Three Bond Singapore Pte Ltd
Research and Development Department
5, Joo Koon Crescent,
Singapore 629009

AUSTRALIA BRANCH: 2 / 38 JELICO DR, SCORESBY, VIC 3179 PHONE NO: 03 9753 2522 FAX: 03 9753 2566

AUSTRALIA MANAGER: WESLEY MALLETT AFTER HOURS CONTRACT NO; +61417350027

2. COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE	Mixture
COMPOSITION	Wt %
Acetone	< 5
Ethanol	< 5
Propellant (LPG)	20 ~ 30
Saturated hydrocarbon solvent	60 ~ 70
Total	100

3. HAZARDS IDENTIFICATION

CLASSIFICATION

UN Classification High pressure gas (Class 2)
UN Number 1950

PHYSICAL AND CHEMICAL HAZARDS

High-pressure gas. Combustible gas. Flammable liquid. Contents of this product are flammable.
Explosion hazard upon mixture with air.
Flashpoint of LPG propellant is -99°C therefore extremely flammable.

ADVERSE HUMAN HEALTH EFFECTS

Irritates eyes, skin, throat and lungs. May affect liver and kidneys.
High density causes may lose consciousness.
Repeated or prolonged skin contact may cause irritation or sensitization.

4. FIRST AID MEASURES

EYE CONTACT

Flush eyes with water for at least 15 minutes. Then immediately consult a physician.
While flushing eye, pull back eyelids to expose eyeball to the water as much as possible.

SKIN CONTACT

Immediately remove contaminated clothes, shoes, etc. Wash off product from affected area with soap and water.

INHALATION

Move victim to fresh air. In case of poisoning, calm victim, keep warm & seek medical treatment.

INGESTION

Rinse mouth well in water. Then immediately seek medical treatment.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Dry powder, carbon dioxide, foam and dry sand.

SPECIFIC HAZARDS WITH REGARD TO FIRE FIGHTING MEASURES

No known hazards at this moment.

SPECIFIC METHODS/ PROTECTION OF FIRE FIGHTERS

In the case of a small fire, use dry powder, carbon dioxide gas, foam, etc.
In the case of a large fire, use foam extinguisher to remove air.

Safety Data Sheet

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6. ACCIDENTAL RELEASE MEASURES

In case of small spill, absorb with dry sand, soil, sawdust, cloth etc. Then place in seal able container. Wash remainder with plenty of water. In case of large spills, dike and prevent overflow. Guide to a safe place and dispose properly.

7. HANDLING AND STORAGE

HANDLING

Contains high-pressure gas, which may be combustible.

Therefore handle in accordance with the following.

- Do not use in the direction of fire.
- Do not handle near heaters, kitchen ranges or other source of ignition sources.
- Do not use in room which has fire.
- Do not use near fire, static electricity, sparks or other ignition sources.
- Avoid dropping and rough handling.
- To avoid contact or inhalation, wear appropriate personal protection.

STORAGE

- Store away from direct sunlight. Do not store at above 40°C.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

CONTROL PARAMETERS

		PEL, Singapore (1997)	
		Long term	Short term
L.P.G (Propellant)	ppm	1000	Not established
Acetone	ppm	750	1000
Ethanol	ppm	1000	Not established

ENGINEERING MEASURES

If handling this product in an enclosed area, use a closed circulating mechanical ventilating system.

Place clearly marked safety shower, hand washing sink and eye bath near work area and.

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION

Mask, which shields against organic gas.

EYE PROTECTION

Goggles.

HAND, SKIN AND BODY PROTECTION

Wear solvent resistant or other impervious gloves. Wear apron, boots as appropriate.

Do not wear short sleeve shirts.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOUR, ODOUR, PHYSICAL STATE	Clear transparent liquid
SPECIFIC GRAVITY	0.66
BOILING POINT	No data
MELTING POINT	No data
VAPOR PRESSURE	No data
SOLUBILITY IN WATER	Insoluble

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

FLASH POINT	Propellant: -99°C; Contents: below -20°C
AUTOIGNITION TEMPERATURE	Propellant: Over 200°C; Contents: Over 200°C
EXPLOSIVE LIMIT	Propellant (L.P.G): 1.6% ~10%; Contents: No data available
CONDITIONS/MATERIALS TO AVOID	No data available at this time
HAZARDOUS DECOMPOSITION PRODUCTS	No data available at this time

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11. TOXICOLOGICAL INFORMATION

Ingredient	LD ₅₀ mg/kg (Oral rat)
Acetone	7400
Ethanol	7060
Saturated hydrocarbon solvent	No data available at this time

12. ECOLOGICAL CONSIDERATIONS

Ingredient	1 og Pow (Octanol / Water distribution coefficient)
Acetone	-0.24
Ethanol	-0.32
Saturated hydrocarbon solvent	No data available at this time

13. DISPOSAL CONSIDERATIONS

To dispose product, incinerate. Dispose in accordance to 7. Handling and Storage.

14. TRANSPORT INFORMATION

Handle in accordance to 7. Handling and Storage.

15. REGULATORY INFORMATION

Handle in accordance with applicable laws and regulations.

16. OTHER INFORMATION

- Portions of the above evaluation of dangerous and harmful effects may be insufficient. Please perform adequate investigation.
- The contents in this report are based on information, which was available as of the effective date, but Three Bond Singapore Pte Ltd and its affiliates are not responsible for guaranteeing the above data and evaluations. The above data assumes usage under normal working conditions. In case special handling is required, please handle with suitable safety measures according to the application and usage.
- The contents in this report may change due to new evaluation and tests etc.