

Safety Data Sheet

Effective Date: November 13, 2012

Print Date: August 15th, 2013

1. CHEMICAL NAME AND COMPANY NAME

CHEMICAL PRODUCT NAME Three Bond Super LUBRICANT 1803c
Corrosion inhibitor / Lubricant, aerosol spray
NAME OF MANUFACTURER Three Bond Singapore Pte Ltd
R&D Department
5, Joo Koon Crescent
Singapore 629009

AUSTRALIA BRANCH: 2/38 JELICO DR, SCORESBY, VIC 3179 PHONE: 03 9753 2522 FAX: 03 9753 2566

AUSTRALIAN MANAGER: WESLEY MALLETT AFTER HOURS CONTACT NUMBER: 0417 350 027

2. COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE	Mixture
COMPOSITION	Wt %
Oil	35 ~ 40
Anti-corrosion agent, Other	15 ~ 20
LPG (Propellant)	<u>40 ~ 45</u>
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. Flash point for LPG propellant is -100°C therefore extremely flammable. Content of this product is also flammable.

ADVERSE HUMAN HEALTH EFFECT

Anesthetic effect, vomiting and dizziness. High density causes suffocation due to lack of oxygen.

4. FIRST AID MEASURES

EYE CONTACT

Flush eye repeatedly and seek medical treatment. Do not rub eyes or use removing agent or solvent.

SKIN CONTACT

Immediately remove contaminated clothes. Wash off product from affected area with soap & water.

INHALATION

Immediately move to fresh air place. Calm victim down and seek medical treatment at once.

INGESTION

Rinse mouth well in water. 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.

6. ACCIDENTAL RELEASE MEASURES

In case of small spill, absorb with dry sand, sawdust, cloth etc. Then place in a seal-able container. In case of large spill, dike and prevent flow. Guide to a safe place and dispose immediately.

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7. HANDLING AND STORAGE

HANDLING

Contains high-pressure gas, which is combustible. Therefore handle in accordance to the following:

- Do not use in the direction of fire. Do not use near heaters, kitchen ranges or other ignition sources.
- Do not use in a room, which has a fire. Do not place in fire.
- To prevent contact and inhalation, wear appropriate safety equipment.
- Do not handle near fire, static electricity, sparks or other sources of ignition.

STORAGE

- Store in a low humidity, cool and dark place not above 40°C.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

CONTROL PARAMETERS

		PEL, Singapore (1997)	
		Long term	Short term
LPG (propellant)	ppm	1000	Not established

ENGINEERING MEASURES

When handling this product in an enclosed area, use mechanical ventilation system. Place clearly marked safety shower, hand washing sink and eye bath near work area.

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION

Wear mask to prevent organic poisoning and when oxygen is low.

EYE PROTECTION

Goggles.

HAND, SKIN AND BODY PROTECTION

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

Do not work with short sleeve shirt

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE, COLOUR, ODOUR, PHYSICAL STATE	Brown transparent Liquid
SPECIFIC GRAVITY	0.81 ~ 84
BOILING POINT	No data
MELTING POINT	No data
VAPOR CONCENTRATION	No data
SOLUBILITY IN WATER	Insoluble

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

FLASH POINT	Propellant (LPG): -100°C; Contents: 38°C
AUTOIGNITION TEMPERATURE	Propellant (LPG): Over 200°C; Contents; No data available now
EXPLOSIVE LIMIT	Propellant (LPG): 1.6-10%; Contents: No data available now

11. TOXICOLOGICAL INFORMATION

No data available at this time.

12. ECOLOGICAL CONSIDERATIONS

No data available at this time.

13. DISPOSAL CONSIDERATIONS

Dispose as industrial waste and request a certified waste treatment company to handle waste.

14. TRANSPORT INFORMATION

Handle in accordance with applicable laws and regulations.

15. REGULATORY INFORMATION

Handle in accordance with applicable laws and regulations.

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16. OTHER INFORMATION

- Portions of the above evaluation of dangerous and harmful effects may be insufficient. Please perform adequate investigation and care.
- The contents in this report are based on information, which was available as of the effective date, but Three Bond Co., 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.