

Safety Data Sheet

Effective Date: April 28, 2012

Print Date: August 15th, 2013

1. CHEMICAL NAME AND COMPANY NAME

CHEMICAL PRODUCT NAME Three Bond Super Diesel Engine Conditioner 6601jc
NAME OF MANUFACTURER Three Bond Singapore Pte Ltd
Research and Development Department
5, Joo Koon Crescent,
Singapore 629009

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

AUSTRALIA MANAGER: WESLEY MALLET AFTER HOURS CONTACT NO: 0417 350 027

2. COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCE/ MIXTURE	Mixture
COMPOSITION	Wt %
Mixed solvent	35 ~ 45
Surface active agent	15 ~ 20
Deionised water, others	20 ~ 30
LPG (Propellant)	<u>12 ~ 20</u>
Total	100

3. HAZARDS IDENTIFICATION

CLASSIFICATION

UN Classification High pressure gas (Class 2.1)
UN Number 1950

PHYSICAL AND CHEMICAL HAZARDS

High-pressure gas. Combustible gas. Flammable liquid. Acute harmful substance. Flash point for LPG propellant is -99°C therefore extremely flammable. Contents of this product also flammable.

ADVERSE HUMAN HEATH EFFECTS

Organic solvent poisoning may occur.

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.

6. ACCIDENTAL RELEASE MEASURES

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

Safety Data Sheet

Super Diesel Engine Conditioner 6601jc

Effective Date: April 28, 2012 Print Date: August 15th, 2013

7. HANDLING AND STORAGE

HANDLING

- Do not handle near fire, static electricity, sparks or other source of ignition.
- Avoid contact with eye, skin, mucous membrane and clothes.
- To prevent contact and inhalation, wear appropriate personal protection.
- Do not use in the direction of fire.
- Do not use near heaters, kitchen ranges or other ignition sources.

STORAGE

- Avoid direct sunlight and in addition to the above, keep away from high temperature materials.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

CONTROL PARAMETERS

		WSHA PEL, Singapore (2006)	
		Long term	Short term
L.P.G (Propellant)	ppm	1000	Not established
Content	ppm	Not Established	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.

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	Light yellow transparent liquid
SPECIFIC GRAVITY	0.93
VISCOSITY	20 mPa.s {20cP}
SOLUBILITY IN WATER	Insoluble

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

FLASH POINT	Propellant (L.P.G): -99°C; Contents: 61.5°C
AUTOIGNITION TEMPERATURE	Propellant (L.P.G): Over 200°C; Contents: Over 200°C
EXPLOSIVE LIMIT	Propellant (L.P.G): 1.6% ~10%; Contents: No data available

11. TOXICOLOGICAL INFORMATION

No data available at this time.

12. ECOLOGICAL CONSIDERATIONS

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.

Safety Data Sheet

Super Diesel Engine Conditioner 6601jc

Effective Date: April 28, 2012 Print Date: August 15th, 2013

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.