

## **SAFETY DATA SHEET**

# 6065

Product Name TEEPOL HB 7

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name BOC LIMITED (AUSTRALIA)

Address 10 Julius Avenue, North Ryde, NSW, AUSTRALIA, 2113

**Telephone** 131 262, (02) 8874 4400

**Fax** 132 427 (24 hours)

**Emergency** 1800 653 572 (24/7) (Australia only)

Web Site http://www.boc.com.au/

Synonym(s) 6065 - SDS NUMBER · TEEPOL HB7

Use(s) DETERGENT
SDS Date 30 January 2012

#### 2. HAZARDS IDENTIFICATION

### CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

**RISK PHRASES** 

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R43 May cause sensitisation by skin contact.

**SAFETY PHRASES** 

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

S28 After contact with skin, wash immediately with plenty of water.

S37/39 Wear suitable gloves and eye/face protection.

### NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN NumberNone AllocatedDG ClassNone AllocatedPacking GroupNone AllocatedSubsidiary Risk(s)None Allocated

Hazchem Code None Allocated

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Formula	Cas No.	Content
FORMALDEHYDE	C-H2-0	50-00-0	<1%
SULFURIC ACID, MONO-C9-13-ALKYL ESTERS, SODIUM SALTS	Not Available	72906-11-7	>30%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder

### 4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until

advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

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

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running

water.



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For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Ingestion

Treat symptomatically. **Advice to Doctor** 

# 5. FIRE FIGHTING MEASURES

**Flammability** Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to

decomposition.

Fire and Explosion Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation.

> Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers

and nearby storage areas.

**Extinguishing** Prevent contamination of drains or waterways.

**Hazchem Code** None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

**Spillage** If spilt (bulk), use personal protective equipment. Contain spillage, then cover / absorb spill with

non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Prevent spill entering drains or waterways. CAUTION: Spill site may be

slippery.

## 7. STORAGE AND HANDLING

Store in a cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Storage

Ensure containers are adequately labelled, protected from physical damage and sealed when not in

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid

eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before

eating. Prohibit eating, drinking and smoking in contaminated areas.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Exposure Standards**

Ingredient	Reference	TWA		STEL	
ingredient		ppm	mg/m³	ppm	mg/m³
Formaldehyde	SWA (AUS)	1	1.2	2	2.5

**Biological Limits** No biological limit allocated.

Avoid inhalation. Use in well ventilated areas. Maintain vapour levels below the recommended **Engineering Controls** 

exposure standard.

PPF

Eye / Face Wear splash-proof goggles. Hands Wear PVC or rubber gloves.

Body When using large quantities or where heavy contamination is likely, wear coveralls.

Respiratory Not required under normal conditions of use.





## 9. PHYSICAL AND CHEMICAL PROPERTIES

**CLEAR LIQUID Appearance** SLIGHT ODOUR Odour **Flammability** NON FLAMMABLE Flash point NOT RELEVANT

ChemAlert.

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**Boiling point** 100°C **Melting point** 0°C

**Evaporation rate** NOT AVAILABLE

**pH** 6 to 9

Vapour density NOT AVAILABLE

Specific gravity 1.03

Solubility (water)
Vapour pressure
Upper explosion limit
Lower explosion limit
Autoignition temperature
Viscosity

NOT AVAILABLE
NOT AVAILABLE
NOT AVAILABLE
NOT AVAILABLE
NOT AVAILABLE

Viscosity

Partition coefficient

% Volatiles

NOT AVAILABLE
NOT AVAILABLE
NOT AVAILABLE

## 10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

**Conditions to Avoid** Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid Incompatible with oxidising agents (eg. hypochlorites) and acids (eg. nitric acid).

**Hazardous Decomposition** 

**Products** 

May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

Hazardous Reactions Polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Health Hazard**Summary
Low toxicity - irritant. Use safe work practices to avoid eye or skin contact and inhalation. May cause sensitisation by skin contact. Discontinue use if allergic reaction occurs. Formaldehyde is classified

as a confirmed human carcinogen (IARC Group 1). Due to the low levels of formaldehyde present,

an inhalation hazard is not anticipated unless used in confined areas, heated or sprayed.

Eye Irritant. Contact may result in irritation, lacrimation, pain and redness.

Inhalation Low irritant. Over exposure may result in irritation of the nose and throat, with coughing. Due to the

low vapour pressure, an inhalation hazard is not anticipated with normal use.

Skin Irritant. Contact may result in drying and defatting of the skin, rash and dermatitis. May cause

sensitisation by skin contact.

Ingestion Low toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, headache and

diarrhoea.

Toxicity Data FORMALDEHYDE (50-00-0)

LC50 (inhalation)

LD50 (ingestion)

LD50 (subcutaneous)

LDLo (ingestion)

LDLo (intraperitoneal)

LDLo (intravenous)

LDLo (subcutaneous)

LDLo (subcutaneous)

LDLo (subcutaneous)

81 ppm (rats)

42 mg/kg (rat)

108 mg/kg (woman)

16 mg/kg (mouse)

30 mg/kg (cat)

240 mg/kg (rabbit)

TCLo (inhalation) 14300 ppb/6 hours/2 years (mouse - cancer)

#### 12. ECOLOGICAL INFORMATION

Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure

appropriate measures are taken to prevent this product from entering the environment.

Persistence/Degradability Formaldehyde will biodegrade in both aerobic and anaerobic conditions. Studies on various fish and

shrimp show no capacity for bioconcentration.

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal**For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination

of drains or waterways as aquatic life may be threatened and environmental damage may result.



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Dispose of in accordance with relevant local legislation. Legislation

## 14. TRANSPORT INFORMATION

#### NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)	
UN Number	None Allocated	None Allocated	None Allocated	
Proper Shipping Name	None Allocated	None Allocated	None Allocated	
DG Class/ Division	None Allocated	None Allocated	None Allocated	
Subsidiary Risk(s)	None Allocated	None Allocated	None Allocated	
Packing Group	None Allocated	None Allocated	None Allocated	
Hazchem Code	None Allocated			

#### 15. REGULATORY INFORMATION

**Poison Schedule** Classified as a Schedule 6 (S6) Standard for the Uniform Scheduling of Medicines and Poisons

(SUSMP).

**AUSTRALIA: AICS (Australian Inventory of Chemical Substances)** Inventory Listing(s)

All components are listed on AICS, or are exempt.

#### 16. OTHER INFORMATION

#### **Additional Information**

#### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this ChemAlert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

#### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

### **Abbreviations**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS#	Chemical Abstract Service number - used to uniquely identify chemical compounds
CNIC	Control Nonvous System

Central Nervous System

EC No. EC No - European Community Number

**GHS** Globally Harmonized System

**IARC** International Agency for Research on Cancer

Milligrams per Cubic Metre mg/m<sup>3</sup> **PEL** Permissible Exposure Limit

relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly рΗ

alkaline).

ppm Parts Per Million

Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals REACH

STOT-RE Specific target organ toxicity (repeated exposure) STOT-SE Specific target organ toxicity (single exposure)

**SUSMP** Standard for the Uniform Scheduling of Medicines and Poisons

Threshold Limit Value TLV

TWA/OEL Time Weighted Average or Occupational Exposure Limit

**Revision History** 



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#### **Report Status**

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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**End of SDS** 



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