



Safety Data Sheet

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COMBAT ANT-RID LIQUID

SDS No. : 425702

V000.0

Date of issue: 19.02.2016

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: COMBAT ANT-RID LIQUID

Intended use: All insects

Supplier:
Henkel Australia Pty Ltd
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

Section 2. Hazards identification

Classification of the substance or mixture
Not hazardous according to the criteria of Safe Work Australia.

No classification required.

Classification of material None

Risk phrases:
Not applicable

Safety phrases:
Not applicable

Dangerous Goods information:
Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Signal word:
None

Section 3. Composition / information on ingredients

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Sodium tetraborate decahydrate	1303-96-4	< 10 %
non hazardous ingredients~		60- 100 %

Section 4. First aid measures

Ingestion:	Rinse out mouth. Do not drink. In case of adverse health effects seek medical advice.
Skin:	Rinse with running water and soap. If symptoms develop and persist, get medical attention.
Eyes:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Inhalation:	Move to fresh air. If symptoms persist, seek medical advice.
First Aid facilities:	Eye wash Normal washroom facilities
Medical attention and special treatment:	Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media:	Use media appropriate for surrounding material.
Combustion behaviour:	Non-flammable (aqueous solution).
Decomposition products in case of fire::	Thermal decomposition can lead to release of irritating gases and vapors. Oxides of boron.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Section 6. Accidental release measures

Personal precautions:	See advice in section 8 Danger of slipping on spilled product.
Environmental precautions:	Do not empty into drains / surface water / ground water.
Clean-up methods:	For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Section 7. Handling and storage

Precautions for safe handling:	See advice in section 8 Wear suitable protective clothing, gloves and eye/face protection.
Conditions for safe storage:	Store in a cool, well-ventilated place. Keep container tightly sealed and store in a frost free place. Storage temperature between 5 and 35°C.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
BORATES, TETRA, SODIUM SALTS (DECAHYDRATE) 1303-96-4			5	-	-	-	-

- Engineering controls:** Ensure adequate ventilation.
- Eye protection:** Safety glasses.
- Skin protection:** Use of protective coveralls and long sleeves is recommended.
Suitable protective gloves.
PVC gloves.
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
Natural rubber gloves.
- Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

Section 9. Physical and chemical properties

- Appearance:** Amber
viscous
- Odor:** honey
- Density:** 1.24 g/cm3

Section 10. Stability and reactivity

- Stability:** Stable under normal conditions of temperature and pressure.
- Conditions to avoid:** Excessive heat.
- Incompatible materials:** Strong oxidizing agents.
- Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapors.
Oxides of boron.

Section 11. Toxicological information

Health Effects:

Ingestion: Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

Skin: Prolonged or repeated contact may cause irritation.

Eyes: May cause mild irritation

Inhalation: Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.

Chronic effects:

Sodium tetraborate decahydrate 1303-96-4: Irritation to the mucous membranes following inhalative exposure which may lead to coughing and shortness of breath; effects to the gastrointestinal tract and CNS; Spermatotoxicity is the main effect in rats, mice and dogs.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Sodium tetraborate decahydrate 1303-96-4	LD50	5,660 mg/kg	oral		rat	

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Sodium tetraborate decahydrate 1303-96-4	negative	mammalian cell gene mutation assay	without		

Section 12. Ecological information

General ecological information: Do not empty into drains / surface water / ground water.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Sodium tetraborate decahydrate 1303-96-4	LC50	79.7 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Sodium tetraborate decahydrate 1303-96-4	EC50	133 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium tetraborate decahydrate 1303-96-4	EC50	40 mg/l	Algae	72 h	Pseudokirchnerella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Sodium tetraborate decahydrate 1303-96-4	-1.53				22 °C	EU Method A.8 (Partition Coefficient)

Section 13. Disposal considerations

- Waste disposal of product:** Dispose of according to Federal, State and local governmental regulations.
- Disposal for uncleaned package:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

Section 14. Transport information**Road and Rail Transport:**

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

General information:

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

Section 15. Regulatory information

- SUSMP Poisons Schedule** 5
- AICS:** All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

Section 16. Other information

- Abbreviations/acronyms:** ADGC - Australian Dangerous Goods Code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IMDG: International Maritime Dangerous Goods code
STEL - Short term exposure limit
TWA - Time weighted average
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- Date of previous issue:** 09.05.2011
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