Safety Data Sheet

COMBAT ANT-RID 50ML BOTTLE

SDS No. : 425702
V001.2
Date of issue: 30.03.2021

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

Product name: COMBAT ANT-RID 50ML BOTTLE

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.

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).

Section 3. Composition / information on ingredients

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Sodium tetraborate decahydrate	1303-96-4	< 8.5 %
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 35ºC.

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 LC50 LD50	> 2,500 mg/kg > 2.04 mg/l > 2,000 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 403 (Acute Inhalation Toxicity) FIFRA/TSCA Guideline

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Sodium tetraborate decahydrate 1303-96-4	not irritating	4 h	rabbit	EPA Guideline

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Sodium tetraborate decahydrate 1303-96-4	irritating		rabbit	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Sodium tetraborate decahydrate 1303-96-4	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

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 negative negative	bacterial reverse mutation assay (e.g Ames test) mammalian cell gene mutation assay sister chromatid exchange assay in mammalian cells	with and without with and without with and without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay) equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) equivalent or similar to OECD Guideline 482 (Genetic Toxicology: DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells
Sodium tetraborate decahydrate 1303-96-4	negative	oral: gavage		mouse	equivalent or similar to OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Sodium tetraborate decahydrate 1303-96-4	NOAEL=100 mg/kg	oral: feed	2 y5 d/w	rat	not specified

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	1,483 mg/l	Fish	96 h	Pimephales promelas	other guideline:
Sodium tetraborate decahydrate 1303-96-4	NOEC	119 mg/l	Fish	34 d	Danio rerio	OECD Guideline 210 (fish early lite stage toxicity test)
Sodium tetraborate decahydrate 1303-96-4	EC50	1,693 mg/l	Daphnia	48 h	Ceriodaphnia dubia	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Sodium tetraborate decahydrate 1303-96-4	ErC50	975 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Sodium tetraborate decahydrate 1303-96-4	NOEC	326 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Sodium tetraborate decahydrate 1303-96-4		< 0.1	60 d	Oncorhynchus tschawytscha	12 °C	not specified
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).

Marine transport IMDG:
Not dangerous goods

Marine transport IMDG:
Not available.

Air transport IATA:
Not dangerous goods

`Section 15. Regulatory information

SUSMP Poisons Schedule 5

AIIC: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICIS).

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
AIIC - Australian Inventory of Industrial Chemicals (AIIC)
AICIS - Australian Industrial Chemicals Introduction Scheme

Reason for issue: Reviewed SDS. Reissued with new date. involved chapters: 2,3,16

Date of previous issue: 19.02.2016

Disclaimer:

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