

MATERIAL SAFETY DATA SHEET

SECTION 1 - Product and Company Information

Product name: Rabbit Anti-DIG
Company: Abnova (Taiwan) Corporation
Address: No. 326-8, Sec. 4, Zhongzheng Rd. Zhongli Dist., Taoyuan City 320 Taiwan.
Telephone: +886-3-4989228
Fax: +886-3-4989665, +886-3-4989695

SECTION 2 - Hazards Identification

Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Respiratory or skin sensitisation: Skin Sens. 1

Hazard Statements:

May cause an allergic skin reaction.

Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Mixture of:

5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Signal word:

Warning

Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

Full text of H and EUH statements: see section 16.

Other hazards

No information available.

SECTION 3 - Composition/Information on Ingredient**Mixture**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
55965-84-9	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)			< 20 %
	-	613-167-00-5		
	Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H301 H314 H317 H400 H410			

SECTION 4 - First aid measures**Description of first aid measures**Following inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

Following skin contact

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

Following eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

Following ingestion

Rinse mouth immediately and drink plenty of water.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 - Fire fighting measures**Extinguishing media**

Suitable extinguishing media: Co-ordinate fire-fighting measures to the fire surroundings.

Special hazards arising from the substance or mixture

Non-flammable.

Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Further Information

Suppress gases/vapours/mists with water spray jet.

SECTION 6 - Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Environmental precautions

No special environmental measures are necessary. Clean contaminated articles and floor according to the environmental legislation.

Methods and materials for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7 - Handling and storage**Precautions for safe handling**Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Conditions for safe storage, including any incompatibilitiesRequirements for storage rooms and vessels

Keep container tightly closed.

Advice on storage compatibility

No special measures are necessary.

Further information on storage conditions

Store, tightly closed, in the original vessel at conditions indicated on the label.

SECTION 8 - Exposure Controls

Control parameters

No information available.

Exposure controls

Personal protective equipment

Eye/face protection: Wear eye/face protection.

Skin protection: Wear suitable protective clothing.

Hand protection: When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary.

When using do not eat or drink.

SECTION 9 - Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	odourless
pH-Value:	not determined
Changes in the physical state	
Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	not determined
Flammability	
Solid:	not applicable
Gas:	not applicable
Explosive properties	
not determined	
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature	
Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	not determined
Oxidizing properties	
Not oxidizing.	
Vapour pressure:	not determined
Density:	not determined
Water solubility:	easily soluble
Solubility in other solvents	
not determined	
Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

Other information

Solid content: not determined

SECTION 10 - Stability and reactivity

Reactivity

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

No known hazardous reactions.

Conditions to avoid

None.

Incompatible materials

No information available.

Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11 - Toxicological information**Information on toxicological effects**Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
55965-84-9	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)				
	oral	ATE mg/kg	100		
	dermal	ATE mg/kg	300		
	inhalative vapour	ATE	3 mg/l		
	inhalative aerosol	ATE	0,5 mg/l		

Skin corrosion/Irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure)

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12 - Ecological information**Ecotoxicity**

The product is not ecotoxic.

Persistence and degradability

The product has not been tested.

Bioaccumulation potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Results of PBT and vPvB assessment

The product has not been tested.

Other hazardous effects

No information available.

Further information

Avoid release to the environment.

SECTION - 13 Disposal Considerations**Waste treatment methods**Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14 - Transport information**Land Transport (ADR/RID)**

UN number: Not applicable

Proper shipping name: Not applicable

Class: Not applicable

Packing group: Not applicable

Other applicable information (land transport): No dangerous good in sense of these transport regulations.

Inland waterway transport (ADN)

UN number: Not applicable

Proper shipping name: Not applicable

Class: Not applicable

Packing group: Not applicable

Other applicable information (inland waterways transport): No dangerous good in sense of these transport regulations.

Air Transport (ICAO-TI/IATA-DGR)

UN number: Not applicable

Proper shipping name: Not applicable

Class: Not applicable

Packing group: Not applicable

Sea Transport (IMDG)

UN number: Not applicable

Proper shipping name: Not applicable

Class: Not applicable

Packing group: Not applicable

Environmental hazards

ENVIRONMENTALLY HAZARDOUS

No

Special precautions for user

No information available.

Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

SECTION 15 - Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet is in accordance with the Regulation (EC) No. 1907/2006.

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D):

Not water contaminating

Skin resorption/Sensitization:

Causes allergic hypersensitivity reactions.

Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16 - Other Information

Relevant H and EUH statements (number and full text)

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Abnova shall not be held liable for any damage resulting from handling or from contact with the above product.