



# INTI EVERSPRING

## SAFETY DATA SHEET



### MIPC 95 TC

SDS No : SDS – 025B  
 Revision : 0  
 Date of Issue : March 08<sup>th</sup>, 2019

#### SECTION 1 - IDENTIFICATION

Product Name : MIPC 95 TC  
 Active Ingredients : MIPC  
 Synonym : *2-Isopropylphenyl N-methylcarbamate*  
 Recommended use and restrictions on use : Used for Active ingredients of Insecticide  
 Company Identification : PT Inti Everspring Indonesia  
 Wisma UIC 4th floor, JL. Gatot Subroto Kav. 6-7  
 Jakarta 12930, Indonesia  
 Tel. 62-21-57905245 ; Fax. 62-21-57905244  
 Emergency Telephone Number : 62-254-5750064 / 62-254-5750049

#### SECTION 2 - HAZARDS IDENTIFICATION

**GHS Classification** :

Acute Toxicity (Oral)	Category 3
Acute Toxicity (Dermal)	Category 5
Acute Toxicity (Inhalation)	Category 4
Serious Eye Damage/Eye Irritation	Category 2B
Skin Corrosion / Irritation	Category 3
Specific Target Organ Toxicity (Single Exposure)	Category 1
Specific Target Organ Toxicity (Single Exposure)	Category 2
Specific Target Organ Toxicity (Repeated Exposure)	Category 1
Specific Target Organ Toxicity (Repeated Exposure)	Category 2
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

**GHS Labelling Symbol (s)** :



**Signal Word** : Danger

**Hazard statements**

H301	Toxic if swallowed
H313	May be harmful in contact with skin
H332	Harmful if inhaled
H316	Causes mild skin irritation
H320	Causes eye irritation
H370	Causes damage to organs (nervous system)
H371	May cause damage to organs (Respiratory system)
H372	Causes damage to organs (blood system and liver) through prolonged or repeated exposure
H373	May cause damage to organs (kidney) through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects



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### Precautionary Statements

### Prevention

- P264 Wash thoroughly after handling
- P270 Do not eat, drink, or smoke when using this product
- P260 Do not breathe dust/fume/gas/mist/vapours/spray
- P271 Use only outdoors or in well ventilated area
- P273 Avoid release to the environment

### Precautionary Statements

### Respos

- P301+P310 IF SWALLOWED: Immediately Call a POISON CENTER/doctor
- P321 Specific treatment (see on this label)
- P330 Rinse mouth
- P302+P312 IF ON SKIN : Call a poison center/DOCTOR/ if you feel unwell
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P312 Call a POISON CENTER/doctor if you feel unwell
- P332+P313 If skin irritation occurs : Get medical advice/attention
- P305+P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persist: Get medical advice/attention
- P308+P311 IF exposed or concerned : call a POISON CENTER/doctor
- P321 Specific treatment (see on this label)
- P314 Get medical advice/attention if you feel unwell
- P391 Collect spillage

### Precautionary Statements

### Storage

- P405 Store locked up

### Disposal

- P501 Dispose of contents/container in accordance with local/ national/ international regulation

### Other Hazard

-

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	CONCENTRATION (%)
<i>2-Isopropylphenyl N-methylcarbamate</i>	2631-40-5	95

## SECTION 4 - FIRST- AID MEASURES

- Eye : IF IN EYES, rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Skin : IF SPILT ON THE SKIN, remove contaminated clothing and wash affected areas of skin immediately. DO NOT Scrub the skin. Remove and wash contaminated clothing before re-use. Call a poison center/DOCTOR/ if you feel unwell.
- Ingestion : IF SWALLOWED DO NOT induce vomiting. For advice, contact the National Poisons Centre or a doctor immediately.
- Inhalation : IF INHALED, remove from exposure and have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Never give anything



by mouth to an unconscious person. Call a physician if necessary.

**SECTION 5 - FIRE FIGHTING MEASURES**

- General Information : Firefighters must consider the nature of the product and use the poison face shields, full breathing apparatus and flame resistant clothing
- Extinguishing Media : Foam, dry chemical, carbon dioxide, or water spray
- Specific Hazard of Fire : Irritating and toxic gas

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

If container is ruptured or begins to leak, place in a well-ventilated area free of sparks and ignition sources.

Use Personal protective equipment as recommended in section 8.

Prevent product from entering drains or water courses. Shovel or sweep up spills. Never return to container for reuse. Scoop into bags or boxes using plastic or aluminium shovel. Pesticide that cannot be used according to label instructions must be disposed of according to all applicable Local, procedures.

**SECTION 7 - HANDLING AND STORAGE**

- Handling : Do not handle until all safety precautions have been read and understood. Do not breathe dust, vapour or mist. This product causes mild irritation to skin and eye. Do not get in eyes or skin. Wash thoroughly after handling. Wash clothing after use. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

This product must be under the control of an approved handler at all times. This product must be tracked.

- Storage : Do not store near sources of sparks, flame or heat. Keep under lock and keep out of reach of unauthorised persons, children and animals. Store in its original labeled container in isolated, dry, cool and well-ventilated area. Not to be stored next to foodstuffs and water supplies. Local regulations should be complied with.

**SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

- Engineering control : Use only with adequate ventilation. Apply grounding system for power tools to prevent static electric charge.

**Personal Protective Equipment**

- Eye Protection : Safety glasses or face shield
- Gloves : Chemical resistant gloves
- Clothing Protection : Wear clothing with long sleeve
- Respiratory Protection : Mask

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- 1 Physical Appearance : Crystalline powder
- 2 Color : White
- 3 Odor : Not available
- 4 Odor Threshold : Not available
- 5 pH (1% ) : 8.6
- 6 Melting Point : Not available
- 7 Freezing Point : Not available
- 8 Boiling Point : 128-129 °C
- 9 Flash Point : Not available
- 10 The rate of Evaporation : Not available
- 11 Flammability : Not available
- 12 Lower Explosive Limit (LEL) : Not available
- 13 Vapour Pressure : 2.8 mPa (20 °C)



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14	Molecular weight	:	193.27
15	Decomposition temperature	:	Not available
16	Autoignition temperature	:	Not available
17	Viscosity	:	Not available
18	Bulk Density	:	0.3421
19	Density relative	:	0.62
20	Solubility in water	:	270 mg/l (20 °C)
21	Koefisien partition : n-octanol/water	:	Not available

### SECTION 10 - STABILITY AND REACTIVITY

Reactivity	:	Not available
Stability	:	Not available
Hazardous Reaction under Specific Condition	:	Not available
Condition to Avoid	:	Not available
Incompatible material to avoid	:	Unstable in alkaline material
Hazardous Product of Decomposition	:	Irritating and toxic gas
Hazardous Polymerization	:	Will not occur

### SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity (oral) LD <sub>50</sub>	:	188 mg/kg for male rats (Pesticide Manual, 2009) 178 mg/kg for female rats (Pesticide Manual, 2009) In rat single dose toxicity studies, clinical signs and symptoms including reduced locomotor activity, crouching position, lateral position, staggering gait, and tremors were seen at dosing levels (NITE, 2006).
Acute Toxicity (dermal) LD <sub>50</sub>	:	>2000 mg/kg for rats (Pesticide Manual, 2009)
Acute Toxicity (inhalation) LC <sub>50</sub>	:	>2.09 mg/l for rats / 4 h (Pesticide Manual, 2009)
Subchronic toxicity (90 days) - Technical Material	:	Not available
Chronic Toxicity (2 years) -Technical Material	:	Based on the evidence from animal studies including leukocytosis, anemia, changes in liver and kidney weights, small round cell infiltration of Glisson capsules, and renal interstitial cellular infiltration (NITE, 2006).
Mutagenicity in germ cells - Technical Material	:	Not mutagen
Carcinogenicity	:	No carcinogenic activity
Eye Irritation	:	Slightly irritant (Pesticide Manual, 2009)
Skin Irritation	:	Slightly irritant (Pesticide Manual, 2009)

### SECTION 12 - ECOLOGICAL INFORMATION

#### Acute Toxicity

Fish - <i>Golden orfe</i> (LC <sub>50</sub> 96 h)	:	20 – 40 mg/l
Daphnia - <i>Daphnia Magna</i> (LC <sub>50</sub> 48 h)	:	0.024 mg/l
Algae - <i>Pseudokirchneriella subcapitata</i> (E <sub>b</sub> C <sub>50</sub> 72 h)	:	21 mg/l
Bird - <i>Mallard ducks</i> (LD <sub>50</sub> )	:	834 mg/kg
Bees	:	Harmful to honeybees
Bio accumulation	:	Not available
Persistence and degradation by environment	:	Not available
Soil Mobility	:	Soil DT50 (paddy field) 3 – 20 d. K <sub>oc</sub> 21-58
Others adverse effect	:	Harmful to honeybees



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### SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal, storage or cleaning equipment should not be used to contaminate food, animal feed or water. Read extermination instructions listed on the product label. Products are very toxic to aquatic life with long lasting effects. Do not contaminate domestic water or other water sources.

Disposal Containers / Packaging: Destroy empty container and dispose of / destroyed in accordance with local regulations. Never use second-hand containers for any purpose.

### SECTION 14 - TRANSPORT INFORMATION

#### DOT (US)

Proper shipping name : CARBAMATE PESTICIDE, SOLID, TOXIC (MIPC Technical)  
Class Danger Transport : 6.1  
UN Number : UN 2757  
Packing Group : III

#### IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

UN Number : UN 2757  
Class and Packing group : 6.1 and III  
Proper shipping name : CARBAMATE PESTICIDE, SOLID, TOXIC (MIPC Technical)  
Marine Pollutant : Yes (MIPC)

#### IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

UN Number : UN 2757  
Class and Packing group : 6.1 and III  
Proper shipping name : CARBAMATE PESTICIDE, SOLID, TOXIC (MIPC Technical)

### SECTION 15 - REGULATORY INFORMATION

Safety Data Sheet / Safety Data Sheet meets the regulations :

1. Regulation of the Minister of Industry of the Republic of Indonesian number 23 / M-INDPER / 4/2013
2. Minister of Indonesian Labour Decree No. Kep. 187/MEN/1999 about Hazardous Chemicals Control in the Workplace
3. Building Blocks seventh revised edition of the GHS

### SECTION 16 - OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

#### Reference:

1. Building Blocks seventh revised edition of the GHS
2. Regulation of the Minister of Industry of the Republic of Indonesian number 23 / M-INDPER / 4/2013
3. Manual Pesticide fifteenth Edition, C D S Tomlin, 2009, BCPC
4. National Institute of Technology and Evaluation Chemical Risk Information Platform (NITECHRIP). MIPC. Japan, 2006