

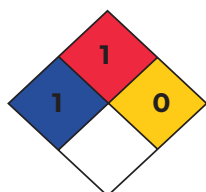
## VPA PLUGS

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- Health · Moderate
- Flammability · Low
- Reactivity · Stable
- Specific Data

### SECTION 1 Identification of the Substance or Mixture and of the Company or Corporation

#### 01 PRODUCT IDENTIFIER

▶ TRADE NAME	SUSBIN VAPONA - VPA Plugs
▶ CAS REGISTRY NUMBER	62-73-7
▶ UN NUMBER	2783
▶ EC NUMBER	015-019-00-X
▶ RTECS NUMBER	TC0350000
▶ ICSC NUMBER	0690

#### 02 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

##### ▶ RELEVANT IDENTIFIED USES

For use in dry traps for agricultural pest control only.

##### ▶ USES ADVISED AGAINST

Any other use that is not indicated in this data sheet.

#### 03 SAFETY DATA SHEET (MSDS) PROVIDER DATA

▶ PROVIDER	Süsbin S.A.
▶ ADDRESS	Parque Industrial Las Heras, Calle 2, Lotes 6 y 7, CP 5539. Las Heras, Mendoza.
▶ TELEPHONE	+54 261 4473072
▶ EMAIL	info@susbin.com

#### 04 EMERGENCY NUMBER

▶ HOSPITAL CENTRAL MENDOZA	+54 261 4490500
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### SECTION 2 Hazard Identification

#### 01 SUBSTANCE OR MIXTURE CLASIFICACION

The product is classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent modifications and adaptations). Therefore, the product requires a safety data sheet in accordance with the provisions of Regulation (EC) 1907/2006 and subsequent modifications and adaptations. Eventual additional information on risks to health and/or the environment are available in sections 11 and 12 of this file.

Classification according to the regulation (EC) No. 1272 / 2008 (CLP)

▶ H301	Toxic if swallowed
▶ H311	Toxic in contact with skin
▶ H332	Harmful if inhaled
▶ H317	Skin sensitization, categories 1, 1A and 1B

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- ▶ H315 Causes skin irritation
- ▶ H400 Very toxic for aquatic organisms


### Supplementary Information

- ▶ SYMBOL T
- ▶ RISK STATEMENT 23 / 24 / 25 / 43
- ▶ SAFETY STATEMENT (1 / 2-) 23 - 36 / 37 - 45
- ▶ HAZARD CLASSIFICATION UN 6.1

The full text of risk (R) statements and hazard (H) statements can be found in section 16 of the file.

## 02 LABEL ELEMENTS

Labeling according to the Regulation (CE) No. 1272 / 2008 (CLP)

- ▶ HAZARD PICTOGRAMS 
- ▶ SIGNAL WORD Danger
- ▶ INDICATIONS OF DANGER (EU)
  - H301 - Toxic if swallowed
  - H311 - Toxic in contact with skin
  - H332 - Harmful if inhaled
  - H317 - Skin sensitization, categories 1, 1A and 1B
  - H315 - Causes skin irritation
  - H400 - Very toxic for aquatic organisms
- ▶ PRECAUTIONARY TIPS
  - P301+P310 - IF SWALLOWED: Immediately call a service center toxicology information or a physician.
  - P280 - Wear protective gloves / clothing / glasses / masks
  - P332 - Specific measures are needed (see emergency telephone number in this label)
  - P403+P233 - Store in a well-ventilated place. Keep the container closed hermetically

## SECTION 3 Composition / Information about Components

- ▶ MOLECULAR WEIGHT 220,98
- ▶ FORMULA  $C_4H_7Cl_2O_4P$

## 01 SUBSTANCES

IDENTIFICATION	CONC. %	CLASSIFICATION 67 / 584 / CEE	CLASSIFICATION 1272 / 2008 (CLP)
2,2 dichlorovinyl dimethyl phosphate CAS. 62 - 73 - 7 CE. 015 - 019 - 00 - X	20%	T; 24 / 25 / 43	H301; H311 H332; H317 H315; H400

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Full text of R Statements: See section 16

Full text of H Statements: See section 16

### 02 MIXTURES

N/A.

## SECTION 4 First Aid

### 01 FIRST AID DESCRIPTION

#### ▶ EYE CONTACT

Wash the affected eye with running water for 15 minutes with the eyelids open. Get medical assistance.

#### ▶ INHALATION

Get the person out to breathe. If he is not breathing, perform mouth-to-mouth resuscitation. If he is breathing hard, administer oxygen. Get medical assistance.

#### ▶ SKIN CONTACT

Wash the affected area with plenty of soap and water.

#### ▶ INGESTION

Do not induce vomiting. Do not give anything orally to an unconscious person.

### 02 MAIN SYMPTOMS AND EFFECTS: ACUTE AND DELAYED

#### ▶ EFFECTS OF AN ACUTE OVEREXPOSURE (ONCE)

Excessive exposures can cause headaches, incoordination, muscle contractions, pain, nausea, diarrhea, contraction of pupils.

#### ▶ INHALATION

Vapor exposures at room temperature are unlikely given the low pressure of the product.

#### ▶ SKIN CONTACT

Long exposure may cause mild to moderate reversible skin irritation.

#### ▶ EYE CONTACT

May cause eye irritation but not corneal damage.

#### ▶ INGESTION

Moderately toxic if swallowed in a single dose. The ingestion of small accidental amounts due to normal handling does not cause harm; however, in large amounts, it can cause vomiting, nausea and pupil contractions.

### 03 INDICATION OF ANY MEDICAL ATTENTION AND SPECIAL TREATMENTS THAT MUST BE PROVIDED IMMEDIATELY

N/A

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### SECTION 5 Fire-fighting Measures

#### 01 FIRE-FIGHTING RESOURCES

- ▶ ACCURATE FIRE-FIGHTING RESOURCES CO<sub>2</sub>, dry chemical powder
- ▶ UNACCURATE FIRE-FIGHTING RESOURCES N/A

#### 02 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

In case of fire, do not breathe smoke. There is a possibility of sensitization by inhalation and by contact with the skin. Thermal decomposition may cause the release of irritating and toxic gases and vapors.

#### 03 RECOMMENDATIONS FOR FIRE-FIGHTING PERSONNEL

##### ▶ FIRE-FIGHTING SPECIAL PROCEDURES

Evacuate people and animals out of the area and isolate the place. Keep cold containers with water.

##### ▶ FIRE-FIGHTING EQUIPMENTS FOR PERSONAL PROTECTION

Wear a protective suit and a self-contained breathing apparatus.

### SECTION 6 Measures that Should Be Followed in case of Accidental Spillages

#### 01 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

##### ▶ PROTECTIVE EQUIPMENT

Wear a protective suit and a self-contained breathing apparatus.

##### ▶ EMERGENCY PROCEDURES

Block the spillage if there is no danger. Make sure there is sufficient ventilation. Use adequate protection devices (including the personal protection equipment indicated in section 8 of the safety data sheet) to prevent the contamination of the skin, eyes, and personal clothing. These indications are valid both for those in charge of the preparations and for emergency interventions.

#### 02 ENVIRONMENTAL PRECAUTIONS

Do not contaminate fountains, waterways or the sewage system. Pick up the product with a shovel and place it in a container for later disposal.

#### 03 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP

Collect the product mechanically and dispose of it in accordance with current legislation. Incinerate in authorized facilities.

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### 04 REFERENCES TO OTHER SECTIONS

Eventual information on personal protection and disposal is available in sections 8 and 13.

### SECTION 7 Manipulation and Storage

#### 01 PRECAUTIONS FOR A SAFE MANIPULATION

##### ▸ PROTECTION MEASURES

Wear protective gloves and respiratory protection.

##### ▸ FIRE PREVENTION MEASURES

N/A

##### ▸ PREVENTIVE MEASURES OF DUST AND AEROSOL EMISSIONS

N/A

##### ▸ RECOMMENDATIONS ON GENERAL HYGIENE MEASURES AT WORK

Do not smoke, eat or drink during your working hours. Keep away the products from food and drinks. Wash your hands before breaks and at the end of your working day.

#### 02 CONDITIONS FOR SAFE STORAGE, INCLUDING POTENTIAL INCOMPATIBILITIES

##### ▸ TECHNICAL MEASURES AND STORAGE CONDITIONS

Keep packages tightly closed and keep out of reach of children, inexperienced people and animals. Handle in ventilated environments.

##### ▸ PACKAGING MATERIALS

Keep in its original package.

##### ▸ REQUIREMENTS THAT APPLY TO STORAGE DEPOSITS AND STORES

Store at room temperature.

#### 03 FINAL SPECIFIC USES

N/A

### SECTION 8 Exposure Controls / Personal Protection

#### 01 CONTROL PARAMETERS

TLV (as TWA): 0.1 ppm; 1 mg/m<sup>3</sup> (ACGIH 1990-1991)

#### 02 EXPOSURE CONTROLS

##### ▸ APPROPRIATE TECHNICAL CONTROLS

Considering that the use of appropriate technical measures should always have prio-

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riority over personal protective equipment, good ventilation in the workplace through effective local ventilation should be ensured. Personal protection devices must comply with the current regulations indicated below.

▶ **RESPIRATORY PROTECTION**

In case of exceeding the threshold value (if available), referring to daily exposure in the work environment, a respiratory protection device authorized for this purpose must be worn.

▶ **EYES AND FACE PROTECTION**

Wear protective glasses (EN 166).

▶ **HANDS PROTECTION**

Use protective gloves in frequent contact with the product (EN 374). In case of risk of skin contact with the product, use protective gloves tested according to the standard. For example: EN 374 is sufficient. In any case, it must be verified that the protective gloves are suitable for the specific job (e.g.: gloves for mechanical resistance, compatibility with products, antistatic gloves). Follow the instructions and information of the gloves manufacturer to know how to use, storage, preserve and exchange the gloves. Protective gloves must be replaced immediately if they are damaged or when the first signs of wear appear.

▶ **OTHERS**

Wear work clothing with long sleeves and protective footwear for class II professional use (Directive ref. 89 / 686 / CCE and standard EN 344). Wash yourself with soap and water after removing protective clothing.

▶ **ENVIRONMENTAL EXPOSURE CONTROLS**

N/A

### SECTION 9 Physical and Chemical Properties

#### 01 BASIC PHYSICAL AND CHEMICAL PROPERTIES INFORMATION

▶ PHYSICAL STATE	Solid plug made of polymeric matrix
▶ APPEARANCE AND SMELL	Yellow colour with characteristic aroma
▶ CONCENTRATION	20 % of active matter p/p
▶ PH CONCENTRATION AND TEMPERATURE	N/A
▶ FIRE OR EXPLOSION HAZARDS	N/A
▶ WATER SOLUBILITY	Insoluble in water

#### 02 ADDITIONAL INFORMATION

N/A

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### SECTION 10 Stability and Reactivity

#### 01 REACTIVITY

Under normal conditions of use, there are no particular dangers of reaction with other substances.

#### 02 CHEMICAL STABILITY

It does not decompose if stored and applied as directed.

#### 03 POSSIBILITY OF DANGEROUS REACTIONS

Under normal use and storage conditions, hazardous reactions are not expected.

#### 04 CONDITIONS THAT SHOULD BE AVOIDED

High storage temperatures (>40 °C).

#### 05 INCOMPATIBLE MATERIALS

Strong oxidizing agents.

#### 06 HAZARDOUS DECOMPOSITION PRODUCTS

Carbon oxides. Phosgene.

### SECTION 11 Toxicological Information

#### 01 TOXICOLOGICAL EFFECTS INFORMATION

▶ ACUTE ORAL TOXICITY

Moderately toxic if swallowed in a single dose. The ingestion of small accidental amounts due to normal handling does not cause harm; however, in large amounts, it can cause vomiting, nausea and pupil contractions.

▶ ACUTE DERMAL TOXICITY

N/A

▶ ACUTE INHALATION TOXICITY

Vapor exposures at room temperature are unlikely given the low pressure of the product.

▶ SKIN CORROSION OR IRRITATION

N/A

▶ SERIOUS EYE INJURY OR IRRITATION

N/A

▶ RESPIRATORY OR SKIN SENSITIZATION

N/A

▶ GERM CELL MUTAGENICITY

N/A

▶ REPRODUCTIVE TOXICITY

OSHA: N/A

▶ CARCINOGENICITY

NTP: N/A

IARC: N/A

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▶ SPECIFIC TARGET ORGAN TOXICITY (STOT) – SINGLE EXPOSURE	N/A
▶ SPECIFIC TARGET ORGAN TOXICITY (STOT) – REPEATED EXPOSURE	N/A
▶ ASPIRATION HAZARD	N/A
▶ SYMPTOMS RELATED TO THE PHYSICAL AND CHEMICAL TOXICOLOGICAL CHARACTERISTICS	May cause eye irritation but not corneal damage.
▶ DELAYED AND IMMEDIATE EFFECTS, AS WELL AS CHRONIC EFFECTS PRODUCED BY SHORT AND LONG-TERM EXPOSURE	Long exposure can cause mild to moderate reversible skin irritation. Excessive exposures can cause headaches, incoordination, muscle contractions, pain, nausea, diarrhea, contraction of pupils.

### SECTION 12 Ecologic Information

#### 01 TOXICITY

▶ FISH TOXICITY (ACUTE)	N/A
▶ FISH TOXICITY (CHRONIC)	N/A
▶ DAPHNIA TOXICITY (ACUTE)	N/A
▶ DAPHNIA TOXICITY (CHRONIC)	N/A
▶ ALGAE TOXICITY (ACUTE)	N/A
▶ ALGAE TOXICITY (CHRONIC)	N/A
▶ BACTERIAL TOXICITY	LDLO / Skin / Rat - 107 mg/kg
▶ RATS TOXICITY	LD50 / Oral / Rat - 56-80 mg/kg LD50 / Inhalation / Rat (4 hours) > 0.2 mg/l

#### 02 PERSISTENCE AND DEGRADABILITY

It degrades quickly.

#### 03 BIOACCUMULATIVE POTENTIAL

N/A

#### 04 MOBILITY IN THE SOIL

N/A

#### 05 RESULTS OF THE PBT AND VPVB ASSESSMENT

N/A

#### 06 OTHER ADVERSE EFFECTS

N/A



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### 07 ADDITIONAL INFORMATION

N/A

### SECTION 13 Considerations Related to Disposal

#### 01 WASTE TREATMENT METHODS

##### ▶ PRODUCT

The assignment of a waste code according to the European Waste Catalog must be carried out in agreement with the regional waste disposal companies. Incinerate in authorized facilities.

##### ▶ PACKAGES / PACKAGING

The containers must be completely emptied and must be taken to the appropriate disposal in accordance with the legal provisions. Containers that are not emptied of remains must be taken to disposal after having contacted the disposal company.

### SECTION 14 Transport Information

#### 01 ADR / RID / ADN TRANSPORT

▶ HAZARD CLASSIFICATION	6.1
▶ CLASSIFICATION CODE	T1
▶ PACKING GROUP	III
▶ UN NUMBER	2783
▶ TECHNICAL SHIPPING NAME	Organophosphorus, Solid, Toxic Pesticide
▶ TUNNEL RESTRICTION CODE	(D/E)
▶ SECURITY LABEL	6

#### 02 IMDG TRANSPORT

▶ HAZARD CLASSIFICATION	6.1
▶ PACKING GROUP	III
▶ UN NUMBER	2783
▶ TECHNICAL SHIPPING NAME	Organophosphorus, Solid, Toxic Pesticide
▶ SECURITY LABEL	6

#### 03 ICAO-TI / IATA TRANSPORT

▶ HAZARD CLASSIFICATION	6.1
▶ PACKING GROUP	III
▶ UN NUMBER	2783
▶ TECHNICAL SHIPPING NAME	Organophosphorus, Solid, Toxic Pesticide
▶ SECURITY LABEL	6

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### SECTION 15 Regulatory Information

#### 01 SPECIFIC REGULATIONS AND LEGISLATION ON SAFETY, HEALTH AND ENVIRONMENT FOR THE SUBSTANCES OR THE MIXTURE

##### ▶ EU REGULATION

Take note of Directive 98 / 24 / EC on the protection of the health and safety of workers against risks related to chemical agents at work.

#### 02 CHEMICAL SAFETY ASSESSMENT

N/A

### SECTION 16 Other Information

##### ▶ FULL TEXT OF R-STATEMENTS REFERENCED IN SECTIONS 2 AND 3

R24 / 25: Toxic in contact with skin and if swallowed.

R43: May cause sensitization if there is skin contact.

##### ▶ FULL TEXT OF H-INDICATIONS MENTIONED IN SECTIONS 2 AND 3

H301: Toxic if swallowed

H311: Toxic in contact with skin

H332: Harmful if inhaled

H317: Skin sensitization, categories 1, 1A and 1B

H315: Causes skin irritation

H400: Very toxic for aquatic organisms

This safety data sheet complies with the requirements of Regulation (EC) No. 1907 / 2006.

##### ▶ DISCLAIMER

The data reported in this sheet was obtained from reliable sources. The opinions expressed on this form are those of trained professionals. The information provided in it is currently known on the subject. Whereas the use of this information and the products is beyond the control of the supplier, the company does not assume any responsibility for this concept. Determining the conditions of safe use of the product is the responsibility of the user.