

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product name** MOSPILAN® SG

**Other means of identification**

**Product code** 50002731

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

<b>Use of the Sub- stance/Mixture</b>	Insecticide
<b>Recommended restrictions on use</b>	Use as recommended by the label.

#### 1.3 Details of the supplier of the safety data sheet

**Supplier Address**

FMC Agricultural Solutions A/S  
Thyborønvej 78  
DK-7673 Harbøre  
Denmark

Telephone: +45 9690 9690  
Telefax: +45 9690 9691  
E-mail address: SDS-Info@fmc.com .

#### 1.4 Emergency telephone number

For leak, fire, spill or accident emergencies, call:  
Denmark: +45-69918573 (CHEMTREC)

Medical emergency:  
Denmark: +45 82 12 12 12

---

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Acute toxicity, Category 4	H302: Harmful if swallowed.
Reproductive toxicity, Category 2	H361d: Suspected of damaging the unborn child.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version 1.0	Revision Date: 11.10.2023	SDS Number: 50002731	Date of last issue: - Date of first issue: 11.10.2023
----------------	------------------------------	-------------------------	--

Short-term (acute) aquatic hazard, Category 1

H400: Very toxic to aquatic life.

Long-term (chronic) aquatic hazard, Category 1

H410: Very toxic to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements :  
H302 Harmful if swallowed.  
H361d Suspected of damaging the unborn child.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P201 Obtain special instructions before use.  
P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P391 Collect spillage.  
**Disposal:**  
P501 Dispose of contents/container as hazardous waste in accordance with local regulations.

#### Hazardous components which must be listed on the label:

acetamiprid (ISO)  
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts

#### Additional Labelling

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

For special phrases (SP) and safety intervals, consult the label.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version 1.0      Revision Date: 11.10.2023      SDS Number: 50002731      Date of last issue: -  
Date of first issue: 11.10.2023

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

##### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
acetamiprid (ISO)	135410-20-7 608-032-00-2	Acute Tox. 3; H301 Repr. 2; H361d Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10  Acute toxicity estimate  Acute oral toxicity: 140 mg/kg	>= 20 - < 25
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	68411-30-3 270-115-0	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Aquatic Chronic 3; H412  Acute toxicity estimate  Acute oral toxicity: 1.080 mg/kg	>= 1 - < 2,5

For explanation of abbreviations see section 16.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- |                         |   |
|-------------------------|---|
| General advice          | : Move out of dangerous area.<br>Show this safety data sheet to the doctor in attendance.<br>Do not leave the victim unattended.  |
| If inhaled              | : Remove to fresh air.<br>If unconscious, place in recovery position and seek medical advice.<br>If symptoms persist, call a physician.   |
| In case of skin contact | : If on clothes, remove clothes.<br>Wash contaminated clothing before reuse.<br>If on skin, rinse well with water.<br>Wash off with soap and plenty of water.<br>Get medical attention if irritation develops and persists.           |
| In case of eye contact  | : Flush eyes with water as a precaution.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.<br>If eye irritation persists, consult a specialist.   |
| If swallowed            | : Do NOT induce vomiting.<br>Keep respiratory tract clear.<br>Do not give milk or alcoholic beverages.<br>Never give anything by mouth to an unconscious person.<br>If swallowed, call a poison control centre or doctor immediately. |

#### 4.2 Most important symptoms and effects, both acute and delayed

- |       |  |
|-------|--|
| Risks | : Harmful if swallowed.<br>Suspected of damaging the unborn child. |
|-------|--|

#### 4.3 Indication of any immediate medical attention and special treatment needed

- |           |                          |
|-----------|--------------------------|
| Treatment | : Treat symptomatically. |
|-----------|--------------------------|

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- |                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Dry chemical, CO <sub>2</sub> , water spray or regular foam. |
| Unsuitable extinguishing media | : High volume water jet  |

#### 5.2 Special hazards arising from the substance or mixture

- |                               |  |
|-------------------------------|--|
| Specific hazards during fire- | : Do not allow run-off from fire fighting to enter drains or water |
|-------------------------------|--|

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version 1.0	Revision Date: 11.10.2023	SDS Number: 50002731	Date of last issue: - Date of first issue: 11.10.2023
----------------	------------------------------	-------------------------	--

fighting

courses.

Hazardous combustion products : Thermal decomposition can lead to release of irritating gases and vapours.  
Carbon oxides  
Hydrogen chloride  
Nitrogen oxides (NOx)

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.  
Avoid dust formation.  
Avoid breathing dust.  
If it can be safely done, stop the leak.  
Keep people away from and upwind of spill/leak.  
Immediately evacuate personnel to safe areas.  
Ensure adequate ventilation.  
Never return spills in original containers for re-use.  
Mark the contaminated area with signs and prevent access to unauthorized personnel.  
Only qualified personnel equipped with suitable protective equipment may intervene.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Advice on safe handling : Avoid formation of respirable particles.  
Do not breathe vapours/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
- Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

#### 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage stability : No decomposition if stored and applied as directed.

#### 7.3 Specific end use(s)

- Specific use(s) : Registered pesticide to be used in accordance with a label approved by country-specific regulatory authorities.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

##### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Workers	Inhalation	Long-term systemic effects	7,6 mg/m3
	Workers	Dermal	Long-term systemic effects	119 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	1,3 mg/m3
	Consumers	Dermal	Long-term systemic effects	42,5 mg/kg bw/day

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version 1.0      Revision Date: 11.10.2023      SDS Number: 50002731      Date of last issue: -  
Date of first issue: 11.10.2023

	Consumers	Oral	Long-term systemic effects	0,425 mg/kg bw/day
--	-----------	------	----------------------------	--------------------

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	Fresh water	0,268 mg/l
	Marine water	0,027 mg/l
	Fresh water sediment	8,1 mg/kg dry weight (d.w.)
	Marine sediment	6,8 mg/kg dry weight (d.w.)
	Soil	35 mg/kg dry weight (d.w.)
	Intermittent use (freshwater)	0,0167 mg/l
	Sewage treatment plant	3,43 mg/l

## 8.2 Exposure controls

### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

Hand protection  
Material : Wear chemical resistant gloves, such as barrier laminate, butyl rubber or nitrile rubber.

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Dust impervious protective suit  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : In case of dust exposure wear suitable personal respiratory protection and protective suit.

Protective measures : Plan first aid action before beginning work with this product.  
Always have on hand a first-aid kit, together with proper instructions.  
Wear suitable protective equipment.  
When using do not eat, drink or smoke.

In the context of professional plant protection use as recommended, the end user must refer to the label and the instructions for use.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : solid

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

Form	:	granules
Colour	:	blue
Odour	:	Not applicable
Melting point/freezing point	:	Not applicable
Boiling point/boiling range	:	Not applicable
Flammability	:	Not expected to be ignitable, Not highly flammable Method: Regulation (EC) No. 440/2008, Annex, A.10
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Not applicable
Decomposition temperature	:	Not applicable
pH	:	8,6 Concentration: 1 % Method: CIPAC MT 75.2 In a 1% aqueous dispersion
Viscosity	:	
Viscosity, kinematic	:	Not applicable
Solubility(ies)	:	
Water solubility	:	soluble
Partition coefficient: n-octanol/water	:	Not available for this mixture.
Vapour pressure	:	Not available for this mixture.
Bulk density	:	800 kg/m <sup>3</sup>
Relative vapour density	:	Not applicable
Particle characteristics	:	
Particle size	:	Method: CIPAC MT 58.3 Percent less than 150µm: 0.114%, Percent less than 250µm: 6.9%
Particle Size Distribution	:	No data available
Shape	:	No data available



# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

### 9.2 Other information

Explosives	:	Not explosive Method: Regulation (EC) No. 440/2008, Annex, A.14
Oxidizing properties	:	Non-oxidizing  Method: Regulation (EC) No. 440/2008, Annex, A.17
Self-ignition	:	> 402 °C Method: Regulation (EC) No. 440/2008, Annex, A.16

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	No decomposition if stored and applied as directed.  Dust may form explosive mixture in air.
---------------------	---	--

### 10.4 Conditions to avoid

Conditions to avoid	:	Heat, flames and sparks. Protect from frost.
---------------------	---	---

### 10.5 Incompatible materials

Materials to avoid	:	Avoid strong acids, bases, and oxidizers
--------------------	---	--

### 10.6 Hazardous decomposition products

Stable under recommended storage conditions.

---

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Harmful if swallowed.

#### Product:

Acute oral toxicity	:	LD50 (Rat, male and female): 1.065 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 3,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

Assessment: The substance or mixture has no acute inhalation toxicity

Remarks: Highest attainable concentration.

Acute dermal toxicity : LD50 (Rat, male and female): > 2.000 mg/kg

### Components:

#### **acetamiprid (ISO):**

Acute oral toxicity : LD50 (Rat, male): 217 mg/kg

LD50 (Rat, female): 146 mg/kg

LD50 (Mouse, male): 198 mg/kg

LD50 (Mouse, female): 184 mg/kg

Acute toxicity estimate: 140 mg/kg

Method: Acute toxicity estimate according to Regulation (EC)  
No. 1272/2008

Acute inhalation toxicity : LC50 (Rat): > 1,15 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg

#### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Acute oral toxicity : LD50 Oral (Rat, male and female): 1.080 mg/kg  
Method: OECD Test Guideline 401

Acute toxicity estimate: 1.080 mg/kg

Method: ATE value derived from LD50/LC50 value

Acute dermal toxicity : LD50 Dermal (Rat, male and female): > 2.000 mg/kg  
Method: OECD Test Guideline 402

### **Skin corrosion/irritation**

Not classified based on available information.

### Product:

Species : Rabbit  
Assessment : No skin irritation

### Components:

#### **acetamiprid (ISO):**

Species : Rabbit  
Result : No skin irritation

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Skin irritation

### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Product:**

Species	:	Rabbit
Assessment	:	No eye irritation

#### **Components:**

##### **acetamiprid (ISO):**

Species	:	Rabbit
Result	:	No eye irritation

### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	Irreversible effects on the eye

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

#### **Product:**

Species	:	Guinea pig
Assessment	:	Not a skin sensitizer.

#### **Components:**

##### **acetamiprid (ISO):**

Species	:	Guinea pig
Result	:	Not a skin sensitizer.

### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Test Type	:	Maximisation Test
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	Does not cause skin sensitisation.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

### Germ cell mutagenicity

Not classified based on available information.

### Components:

#### acetamiprid (ISO):

Genotoxicity in vitro	:	Test Type: Ames test Result: negative  Test Type: unscheduled DNA synthesis assay Result: negative  Test Type: Chromosome aberration test in vitro Result: positive
Genotoxicity in vivo	:	Test Type: Micronucleus test Species: Mouse Result: negative
Germ cell mutagenicity- Assessment	:	Remarks: Based on EU Harmonised classification - Annex VI of Regulation (EC) No 1272/2008 (CLP Regulation)

#### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:

Genotoxicity in vitro	:	Test Type: reverse mutation assay Method: Regulation (EC) No. 440/2008, Annex, B.13/14 (Ames test) Result: negative  Test Type: In vitro mammalian cell gene mutation test Method: OECD Test Guideline 476 Result: negative  Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: equivocal
Genotoxicity in vivo	:	Test Type: Chromosome aberration test in vitro Species: Mouse (male) Application Route: Oral Result: negative  Test Type: Cytogenetic assay Species: Mouse (male) Application Route: Oral Result: negative  Test Type: Rodent Dominant Lethal Assay Species: Mouse (male) Application Route: Oral Result: negative  Test Type: In vivo micronucleus test

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

Species: Mouse (male and female)  
Application Route: Oral  
Result: negative  
Remarks: Based on data from similar materials

Germ cell mutagenicity- Assessment : Weight of evidence does not support classification as a germ cell mutagen.

### Carcinogenicity

Not classified based on available information.

#### Components:

##### **acetamiprid (ISO):**

Species : Rat  
Result : negative

Species : Mouse  
Result : negative

Carcinogenicity - Assessment : Remarks: Based on EU Harmonised classification - Annex VI of Regulation (EC) No 1272/2008 (CLP Regulation)

### Reproductive toxicity

Suspected of damaging the unborn child.

#### Components:

##### **acetamiprid (ISO):**

Effects on fertility : Species: Rat  
Result: negative

Effects on foetal development : Species: Rat  
Result: negative

Species: Rabbit  
Result: negative

Reproductive toxicity - Assessment : Some evidence of adverse effects on development, based on animal experiments.  
Remarks: Based on EU Harmonised classification - Annex VI of Regulation (EC) No 1272/2008 (CLP Regulation)

##### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Effects on fertility : Test Type: Three-generation study  
Species: Rat, male and female  
Application Route: Oral  
Dose: 14, 70, 350 mg/kg bw d  
Duration of Single Treatment: 2 yr  
General Toxicity - Parent: NOAEL: 350 mg/kg bw/day  
General Toxicity F1: NOAEL: 350 mg/kg bw/day

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

General Toxicity F2: NOAEL: 350 mg/kg bw/day  
Result: negative

Effects on foetal development : Test Type: Developmental Toxicity Screening Test  
Species: Rat  
Application Route: Oral  
Dose: 0.2, 2.0, 300, 600 milligram per kilogram  
Duration of Single Treatment: 20 d  
General Toxicity Maternal: LOAEL: 600 mg/kg body weight  
Embryo-foetal toxicity: LOAEL: 600 mg/L  
Symptoms: Retardations

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Components:

#### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### Repeated dose toxicity

### Components:

#### **acetamiprid (ISO):**

Species : Rat, male and female  
NOAEL : 7,1 - 8,8 mg/kg  
Exposure time : 2 years

Species : Mouse, male and female  
NOAEL : 20,3 - 25,2 mg/kg  
Exposure time : 1.5 years

#### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Species : Rat, male and female  
LOAEL : 300 mg/kg  
Application Route : Oral  
Exposure time : 9 months  
Dose : 300, 900 mg/kg/bw/day

Species : Rat, male and female  
NOAEL : 5 %  
Application Route : Dermal  
Exposure time : 26 weeks  
Dose : 0.5%, 1%, 5%

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

### Aspiration toxicity

Not classified based on available information.

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### Further information

#### Product:

Remarks : No data available

---

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): > 100 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 159 mg/l  
Exposure time: 48 h

Toxicity to algae/aquatic plants : ErC50 (Scenedesmus subspicatus): > 97,8 mg/l  
Exposure time: 72 h

NOEC (Scenedesmus subspicatus): 97,8 mg/l  
Exposure time: 72 h

### Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

#### Components:

#### **acetamiprid (ISO):**

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): > 119,3 mg/l  
Exposure time: 96 h

LC50 (Oncorhynchus mykiss (rainbow trout)): > 100 mg/l  
Exposure time: 96 h

---

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 49,8 mg/l Exposure time: 48 h  EC50 (Chironomus riparius (harlequin fly)): 0,024 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Pseudokirchneriella subcapitata (green algae)): > 98,3 mg/l Exposure time: 72 h
M-Factor (Acute aquatic toxicity)	:	10
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC: 5 µg/l Exposure time: 28 d Species: Chironomus riparius (harlequin fly)
M-Factor (Chronic aquatic toxicity)	:	10
Toxicity to terrestrial organisms	:	LD50: 0,00885 mg/kg End point: Acute oral toxicity Species: Apis mellifera (bees)  0,00926 mg/kg End point: Acute contact toxicity Species: Apis mellifera (bees)

### Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:

Toxicity to fish	:	LC50 (Lepomis macrochirus (Bluegill sunfish)): 1,67 mg/l Exposure time: 96 h Test Type: static test  LC50 (Pimephales promelas (fathead minnow)): 2,88 mg/l Exposure time: 96 h Test Type: semi-static test Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 2,9 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 235 mg/l Exposure time: 72 h Test Type: static test
Toxicity to fish (Chronic toxicity)	:	NOEC: 0,23 mg/l Exposure time: 72 d Species: Oncorhynchus mykiss (rainbow trout) Test Type: flow-through test



# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 1,18 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)  
Test Type: flow-through test

Toxicity to soil dwelling organisms : NOEC: 250 mg/kg  
Exposure time: 14 d  
Species: Eisenia fetida (earthworms)  
Method: OECD Test Guideline 207

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: No data is available on the product itself.

#### Components:

##### **acetamiprid (ISO):**

Biodegradability : Result: Not readily biodegradable.

##### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Biodegradability : Inoculum: activated sludge, non-adapted  
Result: Readily biodegradable.  
Method: OECD Test Guideline 301B

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: No data is available on the product itself.

#### Components:

##### **acetamiprid (ISO):**

Bioaccumulation : Remarks: Does not bioaccumulate.

Partition coefficient: n-octanol/water : log Pow: 0,80 (25 °C)

##### **Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts:**

Bioaccumulation : Species: Pimephales promelas (fathead minnow)  
Bioconcentration factor (BCF): 87  
Method: OECD Test Guideline 305A  
Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-octanol/water : log Pow: 1,4 (23 °C)  
pH: 6,1

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

---

### 12.4 Mobility in soil

#### Product:

Distribution among environmental compartments : Remarks: No data is available on the product itself.

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic life with long lasting effects.

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product	: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	: Empty remaining contents. Do not re-use empty containers. Packaging that is not properly emptied must be disposed of as the unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

### SECTION 14: Transport information

#### 14.1 UN number or ID number

ADN	:	UN 3077
ADR	:	UN 3077
RID	:	UN 3077
IMDG	:	UN 3077
IATA	:	UN 3077

#### 14.2 UN proper shipping name

ADN	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Acetamiprid)
ADR	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Acetamiprid)
RID	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Acetamiprid)
IMDG	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Acetamiprid)
IATA	:	Environmentally hazardous substance, solid, n.o.s. (Acetamiprid)

#### 14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	:	9
ADR	:	9
RID	:	9
IMDG	:	9
IATA	:	9

#### 14.4 Packing group

ADN		
Packing group	:	III
Classification Code	:	M7
Hazard Identification Number	:	90
Labels	:	9
ADR		
Packing group	:	III
Classification Code	:	M7
Hazard Identification Number	:	90

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

Labels : 9  
Tunnel restriction code : (-)

### RID

Packing group : III  
Classification Code : M7  
Hazard Identification Number : 90  
Labels : 9

### IMDG

Packing group : III  
Labels : 9  
EmS Code : F-A, S-F

### IATA (Cargo)

Packing instruction (cargo aircraft) : 956  
Packing instruction (LQ) : Y956  
Packing group : III  
Labels : Miscellaneous

### IATA (Passenger)

Packing instruction (passenger aircraft) : 956  
Packing instruction (LQ) : Y956  
Packing group : III  
Labels : Miscellaneous

## 14.5 Environmental hazards

### ADN

Environmentally hazardous : yes

### ADR

Environmentally hazardous : yes

### RID

Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

### IATA (Passenger)

Environmentally hazardous : yes

### IATA (Cargo)

Environmentally hazardous : yes

## 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

### SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. E1 ENVIRONMENTAL HAZARDS

#### Other regulations:

When evaluating a workplace, measures must be taken to ensure that employees are not exposed to conditions that may pose a risk during pregnancy or breastfeeding (cf. The Danish Working Environment Authority's Executive Order on The Performance of Work)

Young people under the age of 18 are not allowed to use or be exposed to the product professionally. Young people above the age of 15 are, however, except from this rule if the product is a necessary part of their education.

#### The components of this product are reported in the following inventories:

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: Product contains substance(s) not listed on TSCA inventory.
AIIC	: Not in compliance with the inventory
DSL	: This product contains the following components that are not on the Canadian DSL nor NDSL.  acetamiprid (ISO)

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: Not in compliance with the inventory
TECI	: Not in compliance with the inventory

### 15.2 Chemical safety assessment

A chemical safety assessment is not required for this product (mixture).

## SECTION 16: Other information

### Full text of H-Statements

H301	: Toxic if swallowed.
H302	: Harmful if swallowed.
H315	: Causes skin irritation.
H318	: Causes serious eye damage.
H361d	: Suspected of damaging the unborn child.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
Repr.	: Reproductive toxicity
Skin Irrit.	: Skin irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-

# SAFETY DATA SHEET

According to Commission Regulation (EU) 2020/878 of amending  
Regulation (EC) No 1907/2006



## MOSPILAN® SG

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	11.10.2023	50002731	Date of first issue: 11.10.2023

tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Acute Tox. 4	H302
Repr. 2	H361d
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

#### Classification procedure:

Based on product data or assessment
Calculation method
Based on product data or assessment
Based on product data or assessment

### Disclaimer

FMC Corporation believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. You can contact FMC Corporation to ensure that this document is the most current available from FMC Corporation. No warranty of fitness for any particular purpose, warranty of merchantability or any other warranty, expressed or implied, is made concerning the information provided herein. The information provided herein relates only to the specified product designated and may not be applicable where such product is used in combination with any other materials or in any process. The user is responsible for determining whether the product is fit for a particular purpose and suitable for the user's conditions and methods of use. Since the conditions and methods of use are beyond the control of FMC Corporation, FMC Corporation expressly disclaims any and all liability as to any results obtained or arising from any use of the products or reliance on such information.

### Prepared by

FMC Corporation

FMC and the FMC Logo are trademarks of FMC Corporation and/or an affiliate.

© 2021-2023 FMC Corporation. All Rights Reserved.

DK / 6N