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## MATERIAL SAFETY DATA SHEET

Manufacturer: Zenith Crop Sciences, Bulgaria  
1000, Sofia, 58b Solunska str  
Tel 00359 (0)2 953 29 26

Date of issuing: May 2014  
Number of pages: 8  
Version: 1

### CORIDA 75 WG

#### 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

**Product Name** : **CORIDA 75 WG**  
**Use Type** : **Herbicide**  
**Name of Manufacturer** : **Zenith Crop Sciences Bulgaria LTD.**  
**Address of Manufacturer** : **1000, Sofia, 58b Solunska str., Bulgaria**  
**Emergency telephone** : **00359 (0)2 953 29 26**

#### 2. HAZARD IDENTIFICATION

##### 2.1. Classification of the substance or mixture

Ordinance on classification, packaging and labelling of existing and new chemical substances and preparations (BG); (Directive 67/548/EEC, 1999/45/EC)

**Xi; R43**  
**N:R50/53**  
**(categories of danger: sensitizing, dangerous for the environment)**

For full text of R-phrases – see section 16

##### 2.2. Label elements

Symbol(s), indication(s) of danger:



Irritant



Dangerous for the environment

Contains tribenuron - methyl

**R-phrases:**

R43 - May cause sensitisation by skin contact

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**S-phrases:**

S2 - Keep out of the reach of children

S24 - Avoid contact with skin

S37 - Wear suitable gloves

S46 - If swallowed, seek medical advice immediately and show this container or label

S60 - This material and its container must be disposed of as hazardous waste

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

To avoid risks to man and the environment, comply with the instructions for use.

**2.3. Other hazards**

Not known

**3. COMPOSITION/ INFORMATION ON INGREDIENTS****3.1. Substances**

Refers to a mixture.

**3.2. Mixtures****Table A**

Name	Index №	EC №	CAS №	Registration №	Concentration/ Concentration limits (%)	Classification	
						Regulation (EC) №1272/2008	Ordinance on classification, packaging and labelling of existing and new chemical substances and preparations(BG), (Directive 67/548/EEC)
tribenuron methyl (ISO); methyl 2-[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-N-methylcarbamoylsulfamoyl]benzoate	607-177-00-9	401-190-1	101200 - 48-0	86-06-0057	75±2.5%	Skin Sens. 1 H317 Aquatic Chronic 1 H410	Xi: R43 N: R50/53 (categories of danger: sensitizing, dangerous for the environment)

For full text of H – statements and R-phrases – see section 16.

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#### 4. FIRST AID MEASURES

**General:** Immediately take off the contaminated and sodden clothing. In case of difficult breathing - oxygen therapy.

**After Inhalation**

If inhaled, remove to fresh air.

**After Skin contact**

In case of contact, immediately wash skin with plenty of water.

**After Eye contact**

In case of contact, rinse with plenty of water.

**After Ingestion**

Seek Medical attention. Rinse the mouth with plenty of water. It should not be given to drink from people, who are unconscious.

**Notes to Physician**

**Providing medical care**

Treat symptomatically.

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#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide (CO<sub>2</sub>); water spray; foam; dry chemical.

**Special hazards arising from the substance or mixture:** Gases emitted by combustion of organic materials must be qualified as respiratory poisons. They can be released in a fire. Nitrous gases (NO<sub>x</sub>); Sulphur dioxide (SO<sub>2</sub>).

**Protective Equipment for Fire Fighting:** Fire Extinguishing, rescue and clearing work under effect of combustible gases can only be done with a solid gas mask.

**Other data:**

Incineration residues and contaminated firefighting water must be removed in accordance with local administrative regulations.

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#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**

Use personal protective clothing. Provide adequate ventilation; people to be lead in a safety place.

**Environmental precautions**

Avoid contamination of drains, surface water / groundwater. Do not allow falling into the soil, ground.

**Methods and material for containment and cleaning up**

Mechanical collection. Avoid dust formation. To be transported in appropriate containers for disposal or to be transported to the waste liquidation place.

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## 7. HANDLING AND STORAGE

### Handling

#### Precautions for safe handling

When stored and used according to regulations, special measures are not required. Avoid formation and precipitation of dust. Ensure good ventilation of the room, if necessary - aspiration at the workplace.

#### Information about fire and explosion protection

Dust may form explosive mixtures with air. Take precautions against electrostatic charges. Sources of heat and ignition to be kept away.

### Storage

#### Information on storage conditions

Store in tightly closed containers, out of direct sunlight. Store in dry and cool place. Recommended storage temperature: 20 °C.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Limits of exposure

No

### Verification of exposure

### Personal protective equipment

#### Respiratory Protection

In a short time - filtration device, filter P2. If there is a dust formation, wear a dust mask.

#### Hand Protection

In all cases should be verified whether the protective gloves meet the specific requirements of the workplace (for example mechanical resistance, product compatibility, antistatic character). Observe the manufacturer's information materials of the gloves for their use, storage, maintenance and replacement. Protective gloves should be changed as soon as you notice damage or the first signs of wearing out. Organize the working operations so as to be not necessary to wear gloves constantly.

Suitable material	nitrile rubber
Thickness of the material	0,4 - 0,7 mm
Penetration time	> 480 min

#### Eye Protection

Tightly fitting safety goggles (DIN EN 166)

#### Body protection

Protective clothing

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General data

Form / physical state	:	granules
Colour	:	Light brown granules
Odour	:	Odorless

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### Important data for protection and safety of health and environment

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Change of condition	
Mode	Melting point
Value	141 °C
Substance	Tribenuron-methyl

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pH value	7,6
Method	CIPAC MT 75
<b>N-octanol/water partition coefficient (log Pow)</b>	
Value	0,39
Substance	tribenuron-methyl

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## 10. STABILITY AND REACTIVITY

### Dangerous products of decomposition

Dangerous products, created during the decomposition are not known.

### Thermal decomposition

Note: There is no decomposition if used according to purpose

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## 11. TOXICOLOGICAL INFORMATION

### Acute Oral Toxicity

LD50	> 2 000 mg/kg
Species (family)	mouse
Method	OECD 423

### Acute Dermal Toxicity

LD50	> 2 000 mg/kg
Species (family)	mouse
Method	OECD 402

### Acute Inhalation Toxicity

LD50	> 6 mg/l
Species (family)	mouse
Note	Data for dust-free WDG (water dispersible granules) formulation is not necessary.

### Irritant/ corrosion effect

#### Skin irritation

Species (family)	rabbit
Evaluation	not irritating
Method	OECD 404

#### Eye irritation

Species (family)	rabbit
Evaluation	negligible irritating effect – it is not necessarily to be marked
Method	OECD 405

#### Sensitization

Species (family)	guinea pig
Evaluation	non-sensitizer
Method	OECD 406

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## Repeated dose toxicity (subacute, subchronic and chronic)

### Gene mutation

Mode of assessment	NOAEL
Mode of absorption	oral
Species (family)	mouse
Duration of exposure	90 d
Value	7 mg/kg/d
Value	There is no experimental data on genotoxicity in vitro.
Data is based on active substance.	

### Toxic for reproduction capability

Mode of assessment	NOAEL
Species (family)	mouse
Duration of exposure	90 d
Value	7 mg/kg/d
Value	Negative
Data is based on active substance.	

### Carcinogenic effect

Mode of assessment	NOAEL
Species (family)	mouse
Duration of exposure	2 year(s)
Value	1 mg/kg/d
Value	Negative
Data is based on active substance.	

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## 12. ECOLOGICAL INFORMATION

### Toxic effects on environmental

#### Fish toxicity

LC50	> 100 mg/kg
Species (family)	rainbow trout
Duration of exposure	96 h
Method	OECD 203

#### Toxicity to fish food

EC50	> 100 mg/kg
Species (family)	Daphnia magna
Duration of exposure	48 h
Method	OECD 202

#### Toxicity to algae

EC50	400 µg/l
Species (family)	Pseudokirchneriella subcapitata
Duration of exposure	72 h
Method	OECD 201

## OTHER INFORMATION

Prevent the penetration in the soil, hydrosphere and sewage.

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## 13. DISPOSAL CONSIDERATIONS

## Product

The classification of the waste code should be made in accordance with European Waste Catalogue (AAV) and in agreement with the regional organizations for disposal.

## Packing

Packings must be emptied without residues and transported for regular disposal in accordance with legal regulations. Packings which were not perfectly emptied must be disposed in accordance with regional organizations for transportation.

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## 14. TRANSPORT INFORMATION

### transport ADR/RID/ADN

Class	9
Classification code	M7
Packing group	III
Size of risk (Kemler number) (transportation according to ADR)	90
UN number	3077
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Initiator of danger	tribenuron-methyl
Tunnel restriction code	E
Protective plate	9
Environmentally hazardous substance mark	



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### transport IMDG

Class	9
Packing group	III
UN number	3077
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Initiator of danger	methyl 2-(3-(4-methoxy-6-methyl-1,3,5- triazin-2-yl)3 methylureidosulphonyl)benzoate
EmS	F-A+S-F
Label	9
Marine pollutant mark	



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### transport ICAO/IATA

Class	9
Packing group	III
UN number	3077
Proper shipping name	Environmentally hazardous substance, solid, n.o.s.
Initiator of danger	methyl 2-(3-(4-methoxy-6-methyl-1,3,5-triazin- 2-yl)3 methylureidosulphonyl)benzoate
Label	9

Environmentally hazardous substance mark



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## 15. REGULATORY INFORMATION

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

Directive (67/548/EEC), 99/45/EC in the relevant valid version.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) in the relevant valid version.

Directive 2000/39/EC, 2006/15/EC, 2009/161/EC

National regulations on air limits in the valid version, adopted in the country.

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## 16. OTHER INFORMATION

Full text of R-phrases and H-statements referred to in section 2 and 3.

### **According to Ordinance on classification, packaging and labelling of existing and new chemical substances and preparations (Directive 67/548/EEC or 1999/45)**

R43 May cause sensitisation by skin contact

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### **According to Regulation No.1272/2008**

Skin Sens. 1 – Skin sensitisation, categories of danger 1; H317 May cause an allergic skin reaction

Aquatic Chronic 1 – Hazardous to the aquatic environment, categories of danger 1; H410 Very toxic to aquatic life with long lasting effects

The information provided in this safety data sheet corresponds to our knowledge at the time of publication. The safety data sheet complements the technical specification/ label/ leaflet of the product but does not replace them.

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