

# MATERIAL SAFETY DATA SHEET



## CLOPYRALID 200 G/L SL

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

#### 1.1 Identification of the substance or preparation

Product: **CLOPYRALID 200 G/L SL**  
Synonyms: VIVENDI 200 (IRL: PCS 01654); VIVENDI 200 (UK: MAPP 15017)  
Type: Formulated product

#### 1.2 Use of the substance/preparation

Herbicide

#### 1.3 Company/undertaking identification

Name: AgriChem B.V.  
Address: Koopvaardijweg 9  
Postal code: 4906 CV  
Residence: Oosterhout  
Country: the Netherlands  
  
Telephone no: (+31) (0)162 431 931  
Fax no: (+31) (0)162 456 797  
e-Mail: info@agrichem.nl

#### 1.4 Emergency telephone

In case of poisoning contact national or local poison information centre  
(London telephone no. 01737 6359191)

### 2. HAZARDS IDENTIFICATION

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no EINECS no	Percentage	Labeling	R phrases (1)
1: CLOPYRALID	1702-17-6 216-935-4	20 %	Xi;N	41-51/53

(1) Complete text of R/H phrases: see chapter 16

### 4. FIRST AID MEASURES

#### After inhalation

Fresh air, rest. In case of symptoms, contact a doctor and show the label or packaging.

#### Skin contact

Rinse skin with plenty of water or shower for at least 15 minutes. In the meantime remove contaminated clothes and shoes. Contact a doctor if symptoms appear and show the label or the packaging.

# MATERIAL SAFETY DATA SHEET



## CLOPYRALID 200 G/L SL

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### Eye contact

Rinse with plenty of water for at least 10 minutes. Flush away from the non-contaminated eye. In case of contact lenses: if these can be removed easily, remove lenses first and rinse afterwards. Consult a doctor.

### After ingestion

Rinse mouth with water. Contact poison information centre to see if drinking a solution of active charcoal in water is recommended.

### Treatment

Pre-hospital: symptomatic treatment. Since up to now only results from animal studies are available and since no or almost no cases have been reported for men, an observation in the hospital is recommended. Contact the Poisons information centre for further information.

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## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Water spray. Polyvalent foam. ABC powder. Carbon dioxide.

### Unsuitable extinguishing media

High pressure water jet.

### Special exposure hazards

On heating/burning: release of toxic and corrosive gases/vapours.

### Instructions

Take account of environmentally hazardous firefighting water. Use water moderately and if possible collect or contain it.

### Special protective equipment for fire-fighters

Heat/fire exposure: compressed air/oxygen apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Keep away from naked flames/heat. Avoid contact with skin and eyes. Gloves. Safety glasses. Protective clothing.

### Environmental precautions

Prevent soil and water pollution. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the solid spill.

# MATERIAL SAFETY DATA SHEET



## CLOPYRALID 200 G/L SL

### Methods for cleaning up

Scoop solid spill into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

## 7. HANDLING AND STORAGE

### 7.1 Handling

Comply with the legal requirements. Do not discharge the waste into the drain.

### 7.2 Storage

Meet the legal requirements. Store in original packaging.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure limit values

	comp.	ppm	comp.	mg/m3
Legal limit value TWA 8 h:				

### 8.2 Exposure controls

#### HAND PROTECTION

Gloves.

#### EYE PROTECTION

Safety glasses.

#### SKIN PROTECTION

Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

Form:	Liquid
Odour	Chemical, not further characterised
Colour	Brown

### 9.2 Important health, safety and environmental information

pH value:	7.25	
	7.01	1 % dilution
Flash point/flammability:	> 65 °C	
Relative density:	1.1	
Solubility:	Water	miscible
Viscosity:	5-6 mPa.s	
Surface tension:	33 mN/m	

# MATERIAL SAFETY DATA SHEET



## CLOPYRALID 200 G/L SL

### 10. STABILITY AND REACTIVITY

#### 10.1 Conditions to avoid

Stable at normal temperature and pressure.

#### 10.2 Materials to avoid

Avoid heat, flames, sparks and other sources of ignition.  
KEEP SUBSTANCE AWAY FROM:  
oxidizing agents.

#### 10.3 Hazardous decomposition products

On heating/burning: release of toxic and corrosive gases/vapours.

### 11. TOXICOLOGICAL INFORMATION

LD50 oral rat: > 2000 mg/kg  
LD50 dermal rat: > 4000 mg/kg  
LD50 dermal rabbit:  
LC50 inhalation rat:

Not irritant to eyes. Not irritant to skin. Non sensitising to skin.

### 12. ECOLOGICAL INFORMATION

LC50 fish: > 100 mg/L  
EC50 *Daphnia*: > 100 mg a.s./L  
EC50 algae: > 100 mg/L  
Oral toxicity bees: > 100 µg a.s./bee  
Dermal toxicity bees: > 98.1 µg/bee  
Non-toxic to bees. Not hazardous for beneficial arthropds. Non-toxic to earthworms. No further information available.

### 13. DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Dispose of in accordance with local regulations.. Remove to an authorized incinerator equipped with an afterburner.

#### CONTAINER DISPOSAL

Packaging should be disposed of at a special chemical waste disposal facility.

### 14. TRANSPORT INFORMATION

Hazard identification:

UN no:

UN name:

Class:

# MATERIAL SAFETY DATA SHEET



## CLOPYRALID 200 G/L SL

Group:  
Marine pollutant:  
EMS number:  
Label :

### 15. REGULATORY INFORMATION

#### Risk phrases:

#### Safety phrases:

S2	Keep out of reach of children
S13	Keep away from food, drink and animal feeding stuffs
S20/21	When using do not eat, drink or smoke
S36	Wear suitable protective clothing

### 16. OTHER INFORMATION

The complete text of the R phrases mentioned in chapter 3:

R41	Risk of serious damage to eyes
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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