

MATERIAL SAFETY DATA SHEET



CHLORPROPHAM 400 G/L EC

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product: **CHLORPROPHAM 400 G/L EC**

Synonyms: INTRUDER (UK: MAPP 15076)

Type: Formulated product

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

Herbicide

1.3 Details of the supplier of the safety data sheet

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.com

1.4 Emergency telephone number

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

2 HAZARDS IDENTIFICATION

R36/38 Irritating to eyes and skin
R40 Limited evidence of a carcinogenic effect
R43 May cause sensitisation by skin contact
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed
R67 Vapours may cause drowsiness and dizziness

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no EINECS no	Percentage	Labeling	R phrases (1) H phrases (1)
1: CHLORPROPHAM	101-21-3 202-925-7	39-42	Xn;N	40-48/22-51/53 H351.101-H373.101-H411

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

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4 FIRST AID MEASURES

Description of first aid measures

Rinse skin with plenty of water or shower for at least 15 minutes. In the meantime remove contaminated clothes and shoes. 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. Fresh air, rest. In case of symptoms, contact a doctor and show the label or packaging. Take victim to an ophthalmologist if irritation persists. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Consult a doctor immediately.

Most important symptoms and effects, both acute and delayed

Currently no information available.

Indication of any immediate medical attention and special treatment needed

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.

5 FIREFIGHTING MEASURES

Extinguishing media

Water spray. High pressure water jet. Polyvalent foam. Carbon dioxide. ABC powder.

Special hazards arising from the substance or mixture

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

Advice for firefighters

Wear suitable protective clothing. Heat/fire exposure: compressed air/oxygen apparatus. Use water moderately and if possible collect or contain it. Cool tanks/drums with water spray/remove them into safety.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Protective clothing. Keep away from naked flames/heat.

Environmental precautions

Contain released substance, pump over in suitable containers. Prevent soil and water pollution.

Methods and material for containment and cleaning up

Scoop spill into closing containers. Dispose of as chemical waste.

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7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Remove contaminated clothing immediately. Comply with the legal requirements.

7.2 Conditions for safe storage, including any incompatibilities

Store at a cool, dry place. Keep only in the original container. Keep away from combustible materials, heat, sparks and open flames.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

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

8.2 Exposure controls

RESPIRATORY PROTECTION

exhaust/ventilation or with respiratory protection.

HAND PROTECTION

Chemical resistant gloves.

SKIN PROTECTION

Protective clothing.

EYE PROTECTION

Safety glasses.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form: Liquid
Odour: aromatic odour
Colour: Light brown

9.2 Other information (EN L 133/22 Official Journal of the European Union 31.5.2010)

pH value: --
Flash point/flammability: 5.5 1 % dilution
Relative density: 64 °C
Solubility: 1.0
Viscosity: Water the product emulsifies
Surface tension: 3.39 mm2/s
29.5 mN/m

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10 STABILITY AND REACTIVITY

10.1 Reactivity

Avoid contact with incompatible products.

10.2 Chemical stability

Avoid contact with incompatible materials. Avoid heat, flames, sparks and other sources of ignition.
Incompatibilities: acids, oxidising materials.

10.3 Possibility of hazardous reactions

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

10.4 Conditions to avoid

Stable at normal temperature and pressure.

10.5 Incompatible materials

Avoid contact with incompatible materials. Avoid heat, flames, sparks and other sources of ignition.

10.6 Hazardous decomposition products

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

11 TOXICOLOGICAL INFORMATION

LD50 oral rat:	> 2000 mg/kg b.w.
LD50 dermal rat:	> 4000 mg/kg b.w.
LD50 dermal rabbit:	-
LC50 inhalation rat:	-

Irritant to the skin. Irritant to the eyes.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

LC50 (for fish):	9.63 mg/L
EC50 (for crustacea):	8.84 mg/L
ErC50 (for algae):	2.14 mg/L
Acute aquatic hazard:	
Chronic aquatic hazard:	

Oral toxicity bees:	466 µg a.s./bee
Dermal toxicity bees:	89 µg a.s./bee
LD50 birds:	

12.2 Persistence and degradability

12.3 Bioaccumulative potential

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12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

DISPOSAL METHODS

Remove to an authorized incinerator equipped with an afterburner.

CONTAINER DISPOSAL

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

Waste treatment methods

14 TRANSPORT INFORMATION

Hazard identification:

UN no:

3082

UN name:

Road

Environmentally hazardous substance, liquid

Class:

Group:

Marine pollutant:

EMS number:

Label :

III

P

F-A, S-F



15 REGULATORY INFORMATION



Harmful



Dangerous for the environment

Risk phrases:

R36/38

Irritating to eyes and skin

R40

Limited evidence of a carcinogenic effect

R43

May cause sensitisation by skin contact

R48/22

Harmful: danger of serious damage to health by prolonged exposure if swallowed

R51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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R65 Harmful: may cause lung damage if swallowed
R67 Vapours may cause drowsiness and dizziness

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
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39 Wear suitable protective clothing gloves, and eye/face protection
S51 Use only in well-ventilated areas
S57 Use appropriate container to avoid environmental contamination
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.
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Included in the list of authorized active substances according to Directive 91/414/EEC.

16 OTHER INFORMATION

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

R40 Limited evidence of a carcinogenic effect
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

H351.101 Suspected of causing cancer.
H373.101 Can cause liver damage at longterm or repeated exposure
H411 Toxic to aquatic life with long lasting effects.

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