



# SAFETY DATA SHEET

Page : 1

Revision nr : 1

Date : 9/1/2004

Supersedes : 0/0/0

**CA701646**

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## SYLLIT 400 SC



Dangerous for the environment



Irritant

### Producer

CHIMAC-AGRIPHAR S.A.  
Rue de Renory, 26  
B-4102 Ougrée Belgique-Belgie  
Tel. : +32 (0)4 385 97 11  
In case of emergency : +32 (0)70 245 245

### Responsible for distribution

CHIMAC-AGRIPHAR S.A.  
Rue de Renory, 26  
B-4102 Ougrée Belgique-Belgie  
Tel. : +32 (0)4 385 97 11  
In case of emergency : +32 (0)70 245 245

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

Identification of the product : Dodine 400 g/L SC  
Use : Agriculture.  
Type of product : Fungicide  
Company identification : See distributor.

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS No / EC No / EC Index	Symbol(s)	R-Phrase(s)
<u>Dodine (ISO)</u>	: 35 40 %	002439-10-3 / 219-459-5 / 607-076-00-X	T N	22-23-38-41-50/53
<i>Log P octanol / water at 20°C</i>	: (pH 7) .96			
<i>Rat oral LD50 [mg/kg]</i>	: 851			
<i>Percutaneous (rat) LD50 [mg/kg]</i>	: > 5000			
<i>Rat inhalation LC50 [mg/l/4h]</i>	: .45			
<i>LC50 96h fish [mg/l]</i>	: 1.5			
<i>EC50 48h Daphnia magna [mg/l]</i>	: .146			
<i>IC50 72h Algae [mg/l]</i>	: .00095 .0016			

## 3 HAZARDS IDENTIFICATION

Risk Phrases : Irritating to skin. Risk of serious damage to eyes.  
Environmental hazard : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Primary route of exposure : Skin and eyes contact.  
Symptoms relating to use  
- Inhalation : Inhalation of vapours may cause respiratory irritation. Sore throat. Chest pain. Danger of serious damage to health by exposure through inhalation.  
- Skin contact : Repeated or prolonged skin contact may cause irritation. May cause skin to become dry or cracked.  
- Eye contact : Redness, pain. Tears. Blurred vision. Burning sensation. Risk of serious damage to eyes.  
- Ingestion : Abdominal pain, nausea. Swallowing a small quantity of this material presents some health hazard. Keep away from food, drink and animal feeding stuffs.

## 4 FIRST AID MEASURES

First aid  
- Inhalation : Assure fresh air breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention if breathing difficulty persists.  
- Skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation develops.  
- Eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. Retract eyelids often. Seek medical advice.



# SAFETY DATA SHEET

Page : 2

Revision nr : 1

Date : 9/1/2004

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### 4 FIRST AID MEASURES (continued)

- Ingestion : DO NOT INDUCE VOMITING. If swallowed, rinse mouth with water (only if the person is conscious). If swallowed, seek medical advice immediately and show this container or label.

### 5 FIRE-FIGHTING MEASURES

- Flammable class : Not flammable.  
Extinguishing media : Foam. Dry chemical. Carbon dioxide. Water spray.  
Surrounding fires : Use water spray or fog for cooling exposed containers.  
Special exposure hazards : High temperature may liberate toxic gases. Carbon monoxide. Carbon dioxide. Nitrogen oxides.  
Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.  
Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

### 6 ACCIDENTAL RELEASE MEASURES

- Personal precautions : Equip cleanup crew with proper protection. Respiratory protection equipment may be necessary.  
Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.  
After spillage and/or leakage : Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.  
In case of spillage and/or leakage : Clean up even minor leaks or spills, if possible, without unnecessary risk.

### 7 HANDLING AND STORAGE

- Precautions in handling and storage : Handle in accordance with good industrial hygiene and safety procedures.  
Technical protective measures : Ground well.  
Storage : Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Store in dry, cool area. Keep container closed when not in use.  
Handling : Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection



- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.  
- Hand protection : Wear suitable gloves resistant to chemical penetration.  
- Skin protection : Skin protection appropriate to the conditions of use should be provided.  
- Eye protection : Chemical goggles or safety glasses.  
- Ingestion : When using, do not eat, drink or smoke.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : Liquid.  
Colour : White.  
Odour : Negligible.  
pH value : 5.8  
Density : 1.01  
Viscosity : 800 cPs



# SAFETY DATA SHEET

Page : 3

Revision nr : 1

Date : 9/1/2004

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### 9 PHYSICAL AND CHEMICAL PROPERTIES (continued)

Auto-ignition temperature [°C] : 430  
Log P octanol / water at 20°C : 0.96

### 10 STABILITY AND REACTIVITY

Hazardous decomposition products : According to process conditions, hazardous decomposition products may be generated. Carbon monoxide. Carbon dioxide. Nitrogen oxides.  
Hazardous reactions : Avoid contact with : Strong acids. Alkalis, finely divided metals.

### 11 TOXICOLOGICAL INFORMATION

Acute toxicity  
- Dermal : Slight irritant.  
- Ocular : Risk of serious damage to eyes.  
Rat oral LD50 [mg/kg] : > 2000  
Rabbit dermal LD50 [mg/kg] : > 2000  
On ingredients : See Heading : Information on ingredients.

### 12 ECOLOGICAL INFORMATION

Ecological effects information : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
LC50 96h fish [mg/l] : No data available.  
On ingredients : See Heading : Information on ingredients.

### 13 DISPOSAL CONSIDERATIONS

Disposal : Avoid release to the environment. Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

### 14 TRANSPORT INFORMATION

General information : Ensure that vehicle's driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

#### Land transport

- Shipping name : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dodine (ISO)), 9, III  
- UN No. : 3082  
- H.I. nr : 90  
- ADR/RID : Class : 9  
- ADR/RID Packing group : Group : III  
- Hazard Label(s)



#### Sea transport

- Shipping name : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dodine (ISO)), 9, III  
- IMO-IMDG : Class : 9  
- IMO Packing group : Group : III  
- IMDG-Marine pollution : No.  
- Hazard Label(s)



#### Air transport



# SAFETY DATA SHEET

Page : 4

Revision nr : 1

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### 14 TRANSPORT INFORMATION (continued)

- Shipping name : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Dodine (ISO)), 9, III
- IATA : Class : 9
- IATA Packing group : Group : III
- Hazard Label(s)



### 15 REGULATORY INFORMATION

- Symbol(s) : Irritant.  
Dangerous for the environment.
- R Phrase(s) : R38 - Irritating to skin.  
R41 - Risk of serious damage to eyes.  
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- S Phrase(s) : S02 - Keep out of the reach of children.  
S13 - Keep away from food, drink and animal feedingstuffs.  
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.  
S29/35 - Do not empty into drains ; dispose of this material and its container in a safe way.  
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.  
S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

### 16 OTHER INFORMATION

- Further information : None.
- Print date : 22/7/2004

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58/CE

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