

Calypso 480 SC is a systemic insecticide for the control of aphids on cotton and thrips on citrus.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

CROP	PEST	DOSAGE	APPLICATION REMARKS																											
Cotton	Aphids		Application methods: Spray volume litres/ha:																											
			<table border="1"> <thead> <tr> <th>Crop height</th> <th>Lance</th> <th>Tailboom</th> <th>U.L.V</th> <th>Mist blower</th> <th>Aerial</th> </tr> </thead> <tbody> <tr> <td>Plants up to 0.4 m</td> <td>Plants up to 0.4m</td> <td>50</td> <td>50</td> <td>1.7</td> <td>35</td> <td>5</td> </tr> <tr> <td>Plants 0.4 m - 0.9 m</td> <td>Plants 0.4 m - 0.9 m</td> <td>100</td> <td>100</td> <td>3.3</td> <td>65</td> <td>10</td> </tr> <tr> <td>Plants over 0.9 m</td> <td>Plants over 0.9 m</td> <td>100</td> <td>150</td> <td>5</td> <td>100</td> <td>15</td> </tr> </tbody> </table>	Crop height	Lance	Tailboom	U.L.V	Mist blower	Aerial	Plants up to 0.4 m	Plants up to 0.4m	50	50	1.7	35	5	Plants 0.4 m - 0.9 m	Plants 0.4 m - 0.9 m	100	100	3.3	65	10	Plants over 0.9 m	Plants over 0.9 m	100	150	5	100	15
			Crop height	Lance	Tailboom	U.L.V	Mist blower	Aerial																						
			Plants up to 0.4 m	Plants up to 0.4m	50	50	1.7	35	5																					
Plants 0.4 m - 0.9 m	Plants 0.4 m - 0.9 m	100	100	3.3	65	10																								
Plants over 0.9 m	Plants over 0.9 m	100	150	5	100	15																								
Plants up to 0.4 m 50 m ³ /ha																														
Plants 0.4 m - 0.9 m 75 m ³ /ha																														
Plants over 0.9 m 100 m ³ /ha																														
NOTE: U.L.V. Spray: Mix 20 m ³ Calypso 480 SC with 250 m ³ molasses and make up to 1 ℓ with water.																														
Citrus	Thrips (<i>Scirtothrips aurantii</i>)	30 m ³ Calypso 480 SC + 250 m ³ Orchex 835 SO per 100 ℓ water	Apply as a single full cover spray from 100% petal fall and NOT LATER THAN 3 WEEKS AFTER PETAL FALL depending on infestation pressure based on scouting results. Thorough coverage of the fruit is important. Preceding and successive applications with other registered products against thrips may be necessary depending on infestation pressure based on scouting results. NB. This treatment simultaneously controls aphids if present																											

RESISTANCE MANAGEMENT:

Do not apply **Calypso 480 SC** more than three times per season . **Calypso 480 SC** should be used in rotation with other products that belong to different chemical groups.


Packed For:

Bayer Zimbabwe (Pvt) Ltd
 P.O. Box AY 78, Amby, Harare, Zimbabwe.
 Tel. 487245/8 Fax. 487242
 Emergency Tel. +27(21) 931-6129
 Manufactured by Bayer CropScience AG

Calypso® is a registered trademark of Bayer CropScience AG, Germany

Batch No.: See on pack


Date of Manufacture: See on pack



caLypso®

480 SC

Reg. No. 06-D-179-1 CONTENTS: 1 L



DANGER
POISON

COMPOSITION: Thioclopid..... 48%
 Inert ingredients..... 52%

MASS/VOLUME

Chemical Group : Chloro-nicotinyl

INSECTICIDE FOR USE
CALYPSO 480 SC IS A SYSTEMIC INSECTICIDE
FOR USE ON AGRICULTURAL CROPS

UN No. 2902



TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE.

PRECAUTIONS:

- Handle with care; avoid any contact, poisonous by swallowing or inhalation and contact with skin.
- Do not eat, drink or smoke while applying or handling **Calypso 480 SC**.
- WEAR PROTECTIVE CLOTHING**, i.e. overalls, rubber gloves and rubber boots while handling or applying **Calypso 480 SC**.
- Do not spray against the wind.
- Remove protective clothing on completion of spraying and wash clothing, hands and face thoroughly with soap and water.
- KEEP OUT OF REACH OF CHILDREN, UNINFORMED PERSONS AND ANIMALS.**
- STORE IN A COOL, DRY PLACE AWAY FROM FOOD AND FOODSTUFFS IN ORIGINAL CONTAINER & KEEP UNDER LOCK AND KEY.**
- TOXIC TO FISH. DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS AND WATERWAYS.**
- WASH EMPTY CONTAINER THOROUGHLY, EMPTY CONTENTS INTO SPRAY TANK - DO NOT USE FOR ANY OTHER PURPOSE, CRUSH & BURY OR BURN.**

SYMPTOMS OF POISONING:

Apathetic state, depressed muscular tone, respiratory disturbances & trembling and muscular cramps in severe cases of poisoning. Symptoms are similar to those caused by nicotine poisoning.

FIRST AID:

- Remove patient from source of poisoning and remove contaminated clothing.
- Wash contaminated area thoroughly with soap and water
- In case of ingestion, induce vomiting if patient is conscious by tickling the back part of the throat.
- If eyes are contaminated, flush well with clean water for 10 - 15 minutes.
- Keep patient reassured, in fresh air and in a recovery position.
- Seek medical help immediately if poisoning is suspected.
- Show attending doctor container with label

NOTE TO PHYSICIAN:

Since no antidote is known, treat symptomatically. Check blood pressure & pulse rate frequently (bradycardia and hypotonia). Provide supportive measures for respiratory and cardiac action.

Give artificial respiration if signs of paralysis appear. Additional measures involve the elimination of the substance from the body or acceleration of its excretion (gastrolavage, saline laxatives).

WARRANTY:

Provided that the recommendations for usage of this product are strictly followed, it should give excellent results, but since the performance of crop protection chemicals and pesticides can be influenced by factors outside the manufacturer's control; the manufacturer and seller give no guarantee or warranty, either expressed or implied, concerning the use and/or storage of this product, and accept no responsibility or liability of any nature whatsoever for any damage, injury or financial loss of any nature arising from the use thereof.



Zim/0506/Calypso 480SC 1L/Full text label Code:



CALYPSO

Version 5 / GB
102000007569

1/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

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

1.1 Product identifier

Trade name CALYPSO
Product code (UVP) 05302064, 84061042

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

Use Insecticide

1.3 Details of the supplier of the safety data sheet

Supplier Bayer CropScience Limited
230 Cambridge Science Park
Milton Road
Cambridge
Cambridgeshire CB4 0WB
United Kingdom

Telephone +44(0)1223 226500
Telefax +44(0)1223 426240
Responsible Department Email: ukinfo@bayercropscience.com

1.4 Emergency telephone no.

Emergency telephone no. 0800-220876 (UK 24 hr)
+44(0)1635-563000 (Overseas 24 hr)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Carcinogenicity: Category 2
H351 Suspected of causing cancer.

Acute toxicity: Category 4
H302 Harmful if swallowed.

Acute toxicity: Category 4
H332 Harmful if inhaled.

Skin sensitisation: Category 1
H317 May cause an allergic skin reaction.

Acute aquatic toxicity: Category 1
H400 Very toxic to aquatic life.

Chronic aquatic toxicity: Category 1
H410 Very toxic to aquatic life with long lasting effects.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Carc.Cat.3, R40
Xn Harmful, R20/22
R43
N Dangerous for the environment, R50/53

2.2 Label elements

CALYPSO

Version 5 / GB
102000007569

2/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Hazard label for supply/use required.

Hazardous components which must be listed on the label:

- Thiacloprid



Signal word: Warning

Hazard statements

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.
H410	Very toxic to aquatic life with long lasting effects.
EUH401	To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P308 + P311	IF exposed or concerned: Call a POISON CENTER/doctor/physician.
P501	Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

2.3 Other hazards

No other hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical nature

Suspension concentrate (=flowable concentrate)(SC)
Thiacloprid 480 g/l

Hazardous components

R-phrase(s) according to EC directive 67/548/EEC
Hazard statements according to Regulation (EC) No. 1907/2006

Name	CAS-No. / EC-No.	Classification		Conc. [%]
		EC Directive 67/548/EEC	Regulation (EC) No 1272/2008	
Thiacloprid	111988-49-9 601-147-9	Carc.Cat.3 R40 T; R25 Xn; R20 N; R50/53	Acute Tox. 3, H301 Acute Tox. 4, H332 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	40.40
1,2-Benzisothiazol-3(2H)-one	2634-33-5 220-120-9	Xn; R22 Xi; R38, R41	Acute Tox. 4, H302 Skin Irrit. 2, H315	>= 0.01 – <= 0.05

**CALYPSO**Version 5 / GB
102000007569

3/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

		R43 N; R50	Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400	
--	--	---------------	---	--

Further information

Thiacloprid	111988-49-9	M-Factor: 100 (acute)
-------------	-------------	-----------------------

For the full text of the R-phrases/ Hazard statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

General advice	Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.
Inhalation	Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.
Skin contact	Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract.)

4.2 Most important symptoms and effects, both acute and delayed

Symptoms	If large amounts are ingested, the following symptoms may occur: Nausea, Vomiting, Diarrhoea, Salivation, Headache, Dizziness, Confusion, Excitement, Bradycardia, Tachycardia, Coma, Hypotension, Respiratory paralysis Symptoms and hazards refer to effects observed after intake of significant amounts of the active ingredient(s).
-----------------	--

4.3 Indication of any immediate medical attention and special treatment needed

Treatment	Treat symptomatically. Monitor: respiratory and cardiac functions. Oxygen or artificial respiration if needed. In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable. There is no specific antidote.
------------------	--

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
-----------------	--

**CALYPSO**Version 5 / GB
102000007569

4/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

Unsuitable	High volume water jet
5.2 Special hazards arising from the substance or mixture	In the event of fire the following may be released: Hydrogen chloride (HCl), Hydrogen cyanide (hydrocyanic acid), Carbon monoxide (CO), Nitrogen oxides (NOx), Sulphur oxides
5.3 Advice for firefighters	
Special protective equipment for fire-fighters	In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.
Further information	Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Precautions Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.

6.2 Environmental precautions Do not allow to get into surface water, drains and ground water. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated floors and objects thoroughly, observing environmental regulations. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling**

Advice on safe handling No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Ensure adequate ventilation.

Advice on protection against fire and explosion No special precautions required.

Hygiene measures Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands immediately after work, if necessary take a shower. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).

7.2 Conditions for safe storage, including any incompatibilities

**CALYPSO**Version 5 / GB
102000007569

5/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

Requirements for storage areas and containers	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Store in a place accessible by authorized persons only. Keep away from direct sunlight. Protect from frost.
Advice on common storage	Keep away from food, drink and animal feedingstuffs.
Suitable materials	HDPE (high density polyethylene)
7.3 Specific end uses	Refer to the label and/or leaflet.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Thiacloprid	111988-49-9	0.56 mg/m ³ (TWA)		OES BCS*

*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

8.2 Exposure controls

Refer to COSHH assessment (Control of Substances Hazardous to Health (Amendment) Regulations 2004). Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer also to COSHH Essentials.

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection	Wear respirator with an organic vapours and gas filter mask (protection factor 10) conforming to EN140 type A or equivalent. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.
Hand protection	Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness of 0,4 mm). Wash when contaminated and dispose of when contaminated inside, when perforated or when contamination on the outside cannot be removed. Wash hands frequently and always before eating, drinking, smoking or using the toilet.
Eye protection	Wear goggles (conforming to EN166, Field of Use = 5 or equivalent).
Skin and body protection	Wear standard coveralls and Category 3 Type 4 suit. If there is a risk of significant exposure, consider a higher protective type suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently. If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully remove and dispose of as advised by manufacturer.

**CALYPSO**Version 5 / GB
102000007569

6/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Form	suspension
Colour	white to light beige
Odour	weak, characteristic
pH	6.5 - 8.5 at 100 % (23 °C)
Flash point	No flash point - Determination conducted up to the boiling point.
Ignition temperature	> 600 °C
Density	ca. 1.19 g/cm ³ at 20 °C
Water solubility	miscible
Partition coefficient: n-octanol/water	Thiacloprid: log Pow: 1.26 at 20 °C
Explosivity	Not explosive
9.2 Other information	Further safety related physical-chemical data are not known.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity****Thermal decomposition** Stable under normal conditions.**10.2 Chemical stability** Stable under recommended storage conditions.**10.3 Possibility of hazardous reactions** No hazardous reactions when stored and handled according to prescribed instructions.**10.4 Conditions to avoid** Extremes of temperature and direct sunlight.**10.5 Incompatible materials** Store only in the original container.**10.6 Hazardous decomposition products** No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute oral toxicity** LD50 (rat) > 300 - < 500 mg/kg**Acute inhalation toxicity** LC50 (rat) > 0.989 - < 2.199 mg/l
Exposure time: 4 h
Determined in the form of a respirable aerosol.**Acute dermal toxicity** LD50 (rat) > 4,000 mg/kg**Skin irritation** No skin irritation (rabbit)**Eye irritation** No eye irritation (rabbit)**Sensitisation** Non-sensitizing. (guinea pig)

**CALYPSO**Version 5 / GB
102000007569

7/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

OECD Test Guideline 406, Buehler test
Sensitising (guinea pig)
OECD Test Guideline 406, Magnusson & Kligman test

Assessment repeated dose toxicity

Thiacloprid did not cause specific target organ toxicity in experimental animal studies.

Assessment Mutagenicity

Thiacloprid was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment Carcinogenicity

Thiacloprid caused at high dose levels an increased incidence of tumours in rats in the following organ(s): uterus, thyroid.

Thiacloprid caused at high dose levels an increased incidence of tumours in mice in the following organ(s): ovaries. The tumours seen with Thiacloprid were caused through a non-genotoxic mechanism, which is not relevant at low doses. The mechanism that triggers tumours in rodents is not relevant for the low exposures encountered under normal use conditions.

Assessment toxicity to reproduction

Thiacloprid caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. Thiacloprid caused difficulties in parturition in rats. The mechanism of action for this effect is not considered to be relevant to man.

Assessment developmental toxicity

Thiacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Thiacloprid are related to maternal toxicity.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

Toxicity to fish LC50 (Lepomis macrochirus (Bluegill sunfish)) 80.7 mg/l
Exposure time: 96 h

Toxicity to aquatic invertebrates EC50 (Water flea (Daphnia magna)) \geq 85.1 mg/l
Exposure time: 48 h
The value mentioned relates to the active ingredient.

LC50 (Chironomus riparius (non-biting midge)) 0.032 mg/l
Exposure time: 24 h

Toxicity to aquatic plants IC50 (Desmodesmus subspicatus) 96.7 mg/l
Growth rate; Exposure time: 72 h
The value mentioned relates to the active ingredient.

12.2 Persistence and degradability

Biodegradability Thiacloprid:
not rapidly biodegradable

Koc Thiacloprid: Koc: 615

12.3 Bioaccumulative potential

Bioaccumulation Thiacloprid:
Does not bioaccumulate.

12.4 Mobility in soil

**CALYPSO**Version 5 / GB
102000007569

8/10

Revision Date: 01.08.2014
Print Date: 01.08.2014**Mobility in soil** Thiachloprid: Slightly mobile in soils**12.5 Results of PBT and vPvB assessment****PBT and vPvB assessment** Thiachloprid: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).**12.6 Other adverse effects****Additional ecological information** No other effects to be mentioned.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product** In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant. Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).**Contaminated packaging** Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.
Add washings to sprayer at time of filling.
Dispose of empty and cleaned packaging safely.
Large containers (> 25 l or > 25 kg) should not be rinsed or re-used for any other purpose.
Return large containers to supplier.
Follow advice on product label and/or leaflet.**Waste key for the unused product** **020108** agrochemical waste containing dangerous substances

SECTION 14: TRANSPORT INFORMATION**ADR/RID/ADN**

14.1 UN number	2902
14.2 Proper shipping name	PESTICIDE, LIQUID, TOXIC, N.O.S. (THIACHLOPRID SOLUTION)
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
14.5 Environm. Hazardous Mark	YES
Hazard no.	60
Tunnel Code	E

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

IMDG

14.1 UN number	2902
14.2 Proper shipping name	PESTICIDE, LIQUID, TOXIC, N.O.S. (THIACHLOPRID SOLUTION)
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
14.5 Marine pollutant	YES



CALYPSO

Version 5 / GB
102000007569

9/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

IATA

14.1 UN number	2902
14.2 Proper shipping name	PESTICIDE, LIQUID, TOXIC, N.O.S. (THIACLOPRID SOLUTION)
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
14.5 Environm. Hazardous Mark	NO

UK 'Carriage' Regulations

14.1 UN number	2902
14.2 Proper shipping name	PESTICIDE, LIQUID, TOXIC, N.O.S. (THIACLOPRID SOLUTION)
14.3 Transport hazard class(es)	6.1
14.4 Packing group	III
14.5 Environm. Hazardous Mark	YES
Emergency action code	2X

14.6 Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No transport in bulk according to the IBC Code.

SECTION 15: REGULATORY INFORMATION

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

UK and Northern Ireland Regulatory References

This material may be subject to some or all of the following regulations (and any subsequent amendments). Users must ensure that any uses and restrictions as indicated on the label and/or leaflet are followed.

Transport

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No 1348)

Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997 (SI 1997 No 2367)

Air Navigation Dangerous Goods Regulations 2002 (SI 2002 No 2786)

Supply and Use

Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No 716)

Chemical (Hazard Information and Packaging for Supply) (Northern Ireland) Regulations 2009

Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No 2677)

EH40 Occupational Exposure Limits - Table 1 List of approved workplace exposure limits

Control of Pesticide Regulations 1986

Dangerous Substances and Explosive Atmospheres Regulations 2002

Waste Treatment

Environmental Protection Act 1990, Part II

Environmental Protection (Duty of Care) Regulations 1991

The Waste Management Licensing Regulations 1994 (as amended)

Hazardous Waste Regulations 2005 (Replacing Special Waste Regulations 1996 as amended)

Landfill Directive

Regulation on Substances That Deplete the Ozone Layer 1994 (EEC/3093/94)

Water Resources Act 1991

**CALYPSO**Version 5 / GB
102000007569

10/10

Revision Date: 01.08.2014
Print Date: 01.08.2014

Anti-Pollution Works Regulations 1999

Further information

WHO-classification: II (Moderately hazardous)

15.2 Chemical Safety Assessment

A chemical safety assessment is not required.

SECTION 16: OTHER INFORMATION**Text of R-phrases mentioned in Section 3**

R20	Harmful by inhalation.
R22	Harmful if swallowed.
R25	Toxic if swallowed.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of the hazard statements mentioned in Section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

The above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.

Reason for Revision: Section 12. Ecological information. Safety Data Sheet according to Regulation (EU) No. 453/2010.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.