

PRODUCT SAFETY INFORMATION SHEET

BASF

PRODUCTS: **SATELLITE**

DATE: 28/03/2002

VERSION: 1

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1. SUBSTANCE/PREPARATION AND COMPANY NAME

Product Name: **SATELLITE**
MAPP Number: 10395
Company: BASF plc
PO Box 4
Earl Road
Cheadle Hulme
Cheadle
Cheshire SK8 6QG

Tel: 0161 485 6222

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Emergency information: 0161 485 6222 (24 hours)

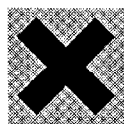
2. COMPOSITION/INFORMATION ON INGREDIENTS

Use: Agricultural Plant Growth Regulator

Formulation: A soluble concentrate containing 216 g/litre chlormequat choride, with 0.8 g/litre imazaquin and 480g/litre 2-chloroethylphosphonic acid (ethephon).

<u>Hazardous ingredients</u>	<u>CAS No.</u>	<u>g/l</u>	<u>Symbol</u>	<u>R Phrases</u>
chlormequat choride	999-81-5	216	Xn (Harmful)	R21/22
imazaquin	81335-47-9	0.8	-	-
2-chloroethylphosphonic acid	16672-87-0	480	C (Corrosive)	R21, R34, R37, R41

3. HAZARDS IDENTIFICATION



HARMFUL

HARMFUL if swallowed (R22)
IRRITATING to skin (R38)
RISK OF SERIOUS DAMAGE to eyes (R41)

Environmental hazards

HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface waters or ditches with chemical or used container.

4. FIRST AID MEASURES

General advice: If a person thinks that they have been exposed to this product and feels unwell, call a doctor or take them to a hospital. Remove all contaminated clothing. Keep them at REST away from source of contamination. DO NOT ALLOW smoking or eating. First aider should avoid becoming contaminated and wear protective clothing if necessary.

Eye contact: Immediately irrigate affected eyes for at least 15 minutes under flowing water, with eyelids open.

Skin contact: Immediately remove contaminated clothing and footwear and flush skin with plenty of water. Wash affected area thoroughly with soap and water as soon as possible.

Ingestion: DO NOT INDUCE VOMITING. Wash out mouth with clean water. Seek medical attention immediately.

Inhalation: Keep person calm, remove to fresh air.

Unconscious-ness If danger of loss of consciousness, place person in recovery position. Apply artificial ventilation if necessary, but care must be taken to avoid contamination of the first aider.

GUIDE TO PHYSICIAN - general advice

Active ingredient group: Chlormequat choride: quaternary ammonium
Imazaquin: imidazolinone
2-chloroethylphosphonic acid (ethephon): ethylene generator

Toxic effects: The material is of moderate general toxicity.

Symptoms of accidental over exposure: Chlormequat is irritating and possibly corrosive. Systemic symptoms are unknown.

Any unusual symptoms which occur after exposure (by any mode of entry) should be recorded and reported to BASF at Cheadle.

- (i) Treat symptomatically.
- (ii) If the product has been swallowed, gastric lavage with proper laryngeal control may be necessary. For ingestion of small quantities activated charcoal as an absorbent in a dosage of 30 grams in 100ml of water may be considered.
- (iii) Maintenance of ventilation and oxygen therapy to be used as required.
- (iv) If symptomatic therapy is indicated for control of restlessness, anxiety or convulsions, then Diazepam is recommended as the drug of choice.

- (v) Chlormequat chloride is a weak ganglionic stimulant with an action similar to nicotine. An effective antidote has not been established. Based upon animal studies, atropine is definitely contraindicated as it may act synergistically with this chlorine derivative once poisoning has taken place. Stomach wash out is recommended only if there is evidence of corrosive injury.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

(i) PRECAUTIONS (from product label)

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD) when handling the concentrate.
 WASH CONCENTRATE from skin or eyes immediately.
 AVOID ALL CONTACT BY MOUTH.
 DO NOT BREATHE SPRAY (S23)
 WASH HANDS AND EXPOSED SKIN before meals and after work.
 HARMFUL TO FISH OR OTHER AQUATIC LIFE. Do not contaminate surface water or ditches with chemical or used container.
 WHEN USING DO NOT EAT, DRINK OR SMOKE (20/21)
 KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS (S13)
 KEEP OUT OF REACH OF CHILDREN (S2)
 KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
 WASH OUT CONTAINER THOROUGHLY, empty washings into spray tank and dispose of safely.
 DO NOT RE-USE CONTAINER for any purpose.
 IF YOU FEEL UNWELL, seek medical advice (show label where possible). (S44)

(ii) PERSONAL PROTECTIVE EQUIPMENT

In tests with a range of pesticide products, protective gloves made of nitrile rubber at least 0.5mm thick and 300mm long have been found to be the most suitable. Gloves made of viton, butyl rubber, neoprene and PVC can also offer good protection. Gloves must protect the whole hand and wrist and repeated use of these gloves depends upon spillages being washed off immediately. The gloves should be thoroughly washed after each operation. Face shields should conform to BS EN 166.

The wearing of other personal protective equipment may be required to supplement the items listed above. These are described in the MAFF/HSE "Pesticides: Code of Practice for the Safe Use of Pesticides on Farms and Holdings". Decontaminate all personal protective equipment after use. When this is not possible dispose of as contaminated wastes.

(iii) OCCUPATIONAL EXPOSURE LIMITS (OESs)

<u>Hazardous ingredients</u>	<u>Long term exposure limit</u>	<u>Short term exposure limit</u>
Not applicable		

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Transparent amber
Odour	Ammoniacal, fishy odour
Flash point:	Not applicable
Flammability	Not flammable
Explosive properties	No explosion hazard
Oxidising properties	Not available
Vapour pressure	Not available
Fire promoting properties	Not flammable
Specific gravity	1.080 g/ml at 20 °C
Solubility in water	Miscible with water
pH	7.2

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations.

Pack sizes : 2.5 and 0.56 litre twin packs
No per outer : 4

15. REGULATORY INFORMATION

This product is approved under the "Control of Pesticides Regulations 1986" and is labelled accordingly.

R-phrases - see Section 3

S-phrases - see Section 8

The Control of Substances Hazardous to Health Regulations (COSHH) may apply to the use of this product at work.

16. OTHER INFORMATION

For further medical advice Doctors should contact the National Poisons Information Service.

In an emergency further information can be obtained from the National Chemical Emergency Centre 01865 407333 (24 hours).

A backslash in the left hand margin indicates an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.