

1. Identification of the substance/preparation and company/undertaking.

NAME Blue Crystal Omega

SDS No 112

Common uses: Swimming Pool Treatment

Supplied by: Univar Limited

46 Peckover Street
BRADFORD
West Yorkshire
BD1 5BD

Tel: 01274 377000
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Emergency No. (Office hours): 01274 377070

2. Composition/information on ingredients.

Contains:

<u>Hazardous ingredient / impurity</u>	<u>% Conc.</u>	<u>Classification</u>	<u>Exposure</u>	<u>CAS</u>	<u>EINECS</u>
2-Bromo-2-Nitropropane-1,3 diol	<2	N, Xn, R21/22, 37/38, 41, 50/53		52-51-7	200-143-0
N, N, Dimethyl-2-Hydroxypropylammonium Chloride Polymer	<25	N, R50		25988-97-0	

3. Hazards identification.

Classification: N, R50. Material is a preparation

Very toxic to aquatic organisms.

4. First Aid measures.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	May cause irritation of the respiratory tract.	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
Skin Contact	Prolonged contact may cause irritation	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin is damaged or if irritation persists seek medical attention.
Eye Contact	Irritation	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
Ingestion	Ingestion of the material may cause irritation of the gastrointestinal tract	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

Immediate Treatment / Antidote: Symptomatic treatment

5. Fire Fighting measures.

Suitable Extinguishers: Dry powder, water spray, foam.

Hazardous Combustion Products: Oxides of Carbon, Nitrogen,

Special Equipment for Fire Fighting: Self-contained breathing apparatus.

6. Accidental Release measures.

Personal Precautions: Wear appropriate PPE - See section 8

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Mobility: Soluble in water

Aquatic Toxicity: Information based on: N,N, Dimethyl-2-Hydroxypropylammonium Chloride Polymer

LC ₅₀	Zebra Fish	96hours	0.27mg/l
EC ₁₀	Daphnia	48hours	0.14mg/l
ErC ₅₀	Scenedesmus	72hours	0.18mg/l

13. Disposal considerations.

Substance: Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

Container: As substance. Used containers must not be cut up or punctured until completely purged of product residues.

14. Transport Information.

UN number	3082	Class	9
Primary Hazard	Other Dangerous Substance		
Packing Group	III	Emergency Action Code	3 Z
H.I. Number	90		
Proper Shipping name	Environmentally Hazardous Substance Liquid N.O.S (Contains N, N, Dimethyl-2-Hydroxypropylammonium Chloride Polymer & 2-Bromo-2-Nitropropane-1,3 diol		

15. Regulatory Information.

Supply label details: Ref. CHIP 3. Material classified as hazardous.

Label Name Blue Crystal Omega

Symbols N, Dangerous to the Environment

Risk Phrases R50 Very toxic to aquatic organisms.

Safety Phrases S24/25, 26, 57, 61, Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, Use appropriate containment to avoid environmental contamination, Avoid release to the environment. Refer to special instructions/Safety data sheet.

E.C. No

Additional labelling:

Use of this material may be governed by the following regulations:- (users are advised to consult these regulations for further information).

COSHH, COMAH

The information contained in this data sheet does not constitute an assessment of workplace risks.

16. Other Information.

List of relevant risk phrases:

Phrase	Text
R21/22	Harmful in contact with skin and if swallowed.
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms and May cause long-term adverse effects in the aquatic environment.

Blue Crystal Omega

Information sources: Ingredients Safety Data Sheet

Training advice: Users should be trained in good industrial hygiene practices.

This material must not be used for:

Changes to this datasheet are indicated by sidebars (|) in the left hand margin.

Further details may be available upon request from your local Univar Limited distribution site.

Legal Disclaimer:

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.

