

SAFETY DATA SHEET ISSUE : 10/98

1. IDENTIFICATION OF THE SUBSTANCE

PRODUCT NAME : W-03 Optocally Active Additive
SUPPLIER : LUMINOUS TECHNOLOGIES LTD
Unit 3 Larkfield Industrial Estate,
Greenock PA16 0EQ
SCOTLAND
EMERGENCY TELEPHONE No. : (44) 1475 793600

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS-No/EEC-No	Class	Weight
ZINC SULPHIDE	68677-70-1		70-75 %

3. HAZARDS IDENTIFICATION

This product is not classified as dangerous for supply according to the CHIP Regulations.

Avoid inhalation of atomized paint during spray application.

4. FIRST AID MEASURES

GENERAL ADVISE : Take off immediately all contaminated clothing. Show this safety data sheet to the doctor in attendance.
INHALATION : Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
SKIN CONTACT : Wash off immediately with plenty of water. Consult a physician if necessary.
EYE CONTACT : Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention.
INGESTION : Rinse mouth. (Never give anything by mouth to an unconscious person). Do not induce vomiting, call a physician immediately. Keep warm and in a quiet place.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Water, Water-spray, Dry Powder, Sand, Foam.
SPECIFIC HAZARDS : None. The product itself does not burn.
PROTECTIVE EQUIPMENT : In case of fire, wear self-contained breathing apparatus.
SPECIFIC METHODS : Standard procedures for chemical fire

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Use personal protective equipment. Keep people away from and upwind of spill/leak.
ENVIRONMENTAL PRECAUTIONS : Do not let product enter drains. Avoid subsoil penetration.
METHODS FOR CLEAN-UP : Soak up with inert absorbent material. Shovel into suitable container for disposal. After cleaning, flush traces with water.

7. HANDLING AND STORAGE

HANDLING : Follow proper standards of industrial hygiene.
STORAGE : Keep tightly closed. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

All engineering control measures used to control exposure to hazardous substances must be selected, maintained, examined and tested to meet the requirements of the Control of Substances Hazardous to Health Regulations (COSHH). Similarly all personal protective equipment, including respiratory protective equipment, must be selected, issued and maintained to meet the requirements of COSHH. These requirements include the provision of any necessary information, instruction and training with regard to their use.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM : Liquid
COLOUR : Various
ODOUR :
pH : N/A
BOILING POINT / RANGE : 100⁰C
MELTING POINT / RANGE : N/A
FLASH POINT : N/A
RELATIVE DENSITY : 2.25
SOLUBILITY :
Water Miscibility : Miscible

10. STABILITY AND REACTIVITY

STABILITY : Stable
CONDITIONS TO AVOID : Do not freeze
MATERIALS TO AVOID : No hazardous reactions anticipated.
HAZARDOUS DECOMPOSITION PRODUCTS :
None under normal use. Thermal decomposition can lead to release of irritating gases and vapours

11. TOXICOLOGICAL INFORMATION

GENERAL TOXICOLOGY : This information has been determined by consideration of the data for the components of the mixture.
SKIN CONTACT : Non-irritant
EYE CONTACT : Non-irritant
INHALATION : Under normal conditions of use inhalation of vapours is not feasible or likely to present an acute hazard

12. ECOLOGICAL INFORMATION

GENERAL ECOLOGICAL INFORMATION : The contamination of rivers and soil should be avoided.
MOBILITY PERSISTENCE of : Consideration of the main components of this product suggest it will not be readily biodegradable.
ECOTOXICITY :

ECOLOGICAL INFORMATION ON INGREDIENTS

The pigmentation within this product is insoluble in water and consequently has virtually no BOD. It will be removed from waste water in biological effluent treatment plants by filtration adsorption. It will accumulate in the resulting sludge, which should be treated accordingly.

13. DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES / UNUSED PRODUCTS : Dispose of as special waste in compliance with local and national regulations.

14. TRANSPORT INFORMATION

The product is not classified as dangerous for transport.
UN No : 1263
CHIP Classification
IMDG-Code
ADR/RID
ICAO/IATA

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC

- Contains : The product does not need to be labelled in accordance with EEC directives or respective national laws.
- Symbol(s)
R - phrase(s) : N/A
S - phrase(s) : S2, S23/24, S24/25, S26, S28

16. OTHER INFORMATION

This data sheet has been prepared in accordance with the requirements of the Data Sheet Directive 91/155/EEC

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.