

April 2005

Fotospeed Product Safety Data Sheet

WA50

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Identity: **Fotospeed WA50 Wash Aid**

Producer/Distributor: Jay House, Unit 6b,
Park Lane industrial Estate,
Corsham, Wiltshire,
SN13 9LG, U.K.
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I. COMPOSITION / INGREDIENT INFORMATION

This is an aqueous, alkaline solution of inorganic compounds
Normally diluted 1+9 with water to make working solution.

The significant ingredients are:

Chemical Name : Sodium Sulphite Na₂S₀₃ %w/w <20%

EINEC No 231-821-4 CAS No 7757-83-7

I. HAZARD IDENTIFICATION

EC classification:

See paragraph 15

Critical hazard to man and the environment: NONE

I. FIRST AID MEASURES

Inhalation: If difficulties occur after inhalation of vapour, move the victim to fresh air. Put person in half sitting position and let rest. In extreme cases seek medical advice.

Skin contact: Flush with plenty of water. Remove contaminated clothing.

Eye contact: Rinse eyes thoroughly with water until irritation stops. In all cases seek medical advice.

Ingestion. Rinse mouth with plenty of water. Give victim considerable amounts of water to drink, do not give anything to drink to an unconscious person. In extreme cases seek medical advice.

Other:

Advice to physician:

I. FIRE-FIGHTING MEASURES

Product is Incombustable

Suitable extinguishing media: Water, waterspray, dry powder, foam, sand

Only use extinguishing media which are compatible with the surrounding materials.

Unsuitable extinguishing media: All extinguishing media are allowed.

Special exposure hazards:

Hazardous decomposition/combustion products: Sulphur Dioxide may be given off in case of fire.

Protective equipment: Use approved positive pressure self-contained breathing apparatus when product is involved in a fire.

Further instructions: Contaminated extinguishing water should be disposed of in a manner approved by the EEC, national and local regulatory agencies.

I. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear personal protective clothing. (See paragraph 8). When vapours, aerosols or mists are formed, wear suitable respiratory protection.

Environmental precautions: In case of an accident, avoid release of product into the environment. Prevent product getting into sewerage systems or public waterways. Try to collect as much as possible in an approved container for later disposal.

Methods for cleaning up: Action should only be taken when fully protected, Contain the area of spillage. Stop the source of leak. Large amounts should be pumped into a container. Small amounts can be collected with absorbing materials. Small remaining leftovers may be washed away with large amounts of water.

I. HANDLING AND STORAGE

Handling: Working areas and methods should be organised in such a way that direct contact is avoided. Wear protective clothing.. When handling chemicals, do not eat, drink or smoke.

Fire and explosion prevention: This preparation contains a lot of water and does not show any flammable or explosive properties, No special fire and explosion prevention procedures are necessary.

Storage requirements: Store in a dry cool, well ventilated place away from Oxidising agents. Protect from acids and acid forming substances. Keep the package closed if not in use.

Other information: Always store in the original container, Do not use the empty contaminated container for any other purposes.

I. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Ensure good ventilation and local exhaustion of the working area.

Exposure limits:

Personal protection:

Inhalation: Normally a local ventilation is sufficient to keep airbourne concentration of chemicals at a low level. No special breathing protection is necessary.

Skin contact: Wear impervious gloves.

Eye contact: Wear close fitting safety goggles.

Ingestion: When handling chemicals do not eat, drink or smoke.

Other information: Always follow the mixing instructions strictly when water or other solutions have to be added to the preparation. Avoid breathing mist or vapour. Avoid contact with eyes and skin. Handle with care.

I. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Colourless
Odour	Odourless
Boiling point/range	>100 deg C
Melting point/range	Not relevant
Flash point	Not relevant
Flammability	Not relevant
Autoignition temperature	Not relevant
Explosive limits lower	Not relevant
Oxidising properties	Not determined

Vapour pressure (20 deg C)	Not determined
Density (20 deg C)	1400-1600kgm3
Solubility in water (25 deg C)	220g/l
Solubility in other solvents (25 deg C)	Not soluble
pH solution in water 50g/l@20deg	8.8 - 10
Partition coefficient n-octanol/water	-4
Viscosity	As water
Other information	-

I. STABILITY AND REACTIVITY

Stability: The product is stable under normal storage conditions.

Conditions to avoid: The preparation is an alkaline solution of reducing agents, do not mix with acids as Carbon dioxide and Sulphur dioxide will be liberated.

Materials to avoid: Nitrites and Oxidising Agents

Hazardous decomposition products: Only when the product is involved in a fire, or when it is handled incorrectly, is there a possibility that decomposition products will be generated (Sulphur Dioxide) (See paragraph 5)

I. TOXICOLOGICAL INFORMATION

Acute toxicity:

Sodium Sulphite

LD50 (Oral Rat) = 2610mg/kg

No Mortality after 8 hour exposure in a highly enriched and/or saturated atmosphere at 20deg C

Primary skin irritation - Rabbit

Non Irritant

Primary mucous membrane - Rabbit

Non Irritant

Different routes of exposure, health warnings

Inhalation: Avoid breathing mist, vapour or aerosols. Ventilate as required to keep concentrations low.

Skin contact: Avoid contact with skin..

Eye contact: Avoid contact with eyes

Ingestion: None of the ingredients shows a very high risk when ingested.

Other information:

I. ECOLOGICAL INFORMATION

Information about elimination - Inorganic product which cannot be eliminated from water by biological purification and process

Information about environmental compartments: This product may lead to high chemical consumption of oxygen in biological sewage works or natural waters and has a negative effect on living creatures. Inhibition of degradation activity in activated sludge is not anticipated during the correct introductions of low concentrations

Ecotoxicity: Toxicity to fish

Sodium Sulphite
460mg/l

LC50/Leuciscus idus/ (96 hours)

=220-

Cod - value 125mg/kg

Other information:

I. DISPOSAL CONSIDERATIONS

Product or contaminated product: Dispose of leftovers, waste or contaminated products in accordance with local and national regulations.

Contaminated package: Contaminated package should be disposed of in accordance with local and national regulations.

Other information: We recommend the separation of any waste resulting from this product. It can be dangerous when different photographic products are mixed together.

I. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations

UN No:

Description: NON HAZARDOUS LIQUID

Containing

ADR/RID

Class:

Item:

TREMCARD:

IMDG/ADNR

Class:

Page:

Pack.gr

ICAO/IATA

Class:

Pass<

Instr:

Pack.gr:

Cargoi<:

Instr.

I. REGULATORY INFORMATION

Chemical identity: Labelling according to ECC Directives

Warning sign EC:

Symbol(s):

R(isk) phrase(s)

S(afety) phrase(s)

Exposure limits:

Other information:

I. OTHER INFORMATION

The above mentioned information corresponds to our present knowledge and therefore does not guarantee certain properties. The safety data sheet serves as a description of the product in regards to necessary safety measures, Recipients of our product must take responsibility for observing existing laws and regulations.

Data Sources

UK Chemicals (Hazard Information and Packaging) Regulations CHIP 1998

HSC Approved Carriage List - Carriage of Dangerous Goods by Road and Rail (Classification Packaging and Labelling) Regulations 1998

Control of Substance Hazardous to Health Regulations - COSHH

UK HSE 40 Occupational Exposure Limits 1997

ACGIH (Threshold Limit Values and Biological Exposure Indices)

Control of Pollution Act

IMO reports and Studies No 35 (The Evaluation of Harmful Substances Carried by Ships)

IMDG Code (International Maritime Dangerous Goods Codes)