

Material Safety Data Sheet

1 Identification & Company

PRODUCT: S-G10 Aliphatic PVA (Yellow)

Supplied by: Logic RC Ltd
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2 Hazards Identification

On available data **S-G10** has no hazard classification according to 1999/45/EC

3 Composition And Information On Ingredients

Water based dispersion of a homopolymer of vinyl acetate with Aliphatic resins

4 First Aid

SKIN CONTACT	Wash with water before the dispersion dries. Remove contaminated clothing.
EYES CONTACT	Wash with water for several minutes. Seek medical advice if irritation persists.
INGESTION	Give plenty of water to drink and obtain medical advice.

5 Fire Fighting Measures

Aqueous dispersions will not burn. Dried films are combustible. Water, foam, carbon dioxide or dry powder extinguishers are all suitable.

6 Accidental Release Measures

Spillages should not be washed into any drain unless it leads to a suitable effluent treatment process. Residues and spillages should be soaked up with an inert absorbent (e.g. sand) for disposal.

7 Handling & Storage

7.1 Handling

S-G10 should be handled in accordance with good industrial safety and hygiene practices. Small levels of volatile organic compounds may accumulate in the headspace of containers which should be opened in ventilated surroundings.

7.2 Storage

Sealed containers should be stored between 5 deg C and 25 deg C. Bulk tanks should be externally vented.

8 Exposure Control/Personal Protection

8.1 Exposure controls

Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried.

8.2 Personal protection

Respiratory	-Masks when spraying
Hand	-Gloves, if risk of skin contact
Eye	-Goggles, if risk of splashing
Skin	-Standard industrial overalls if splashing.

9. Physical And Chemical Properties

Appearance:	-Light yellow liquid
Odour:	-Slight – ester
pH:	-4.5 to 6.5 (ISO 1148)
Boiling point:	-Approx 100deg C (as water)
Flammability & autoignition:	-n/a
Vapour pressure:	-as water
Water solubility:	-Fully miscible
Relative density:	-Approx 1.08 at 20deg C (Pressure Cap)

10 Stability & Reactivity

S-G10 is stable under normal conditions of use.

11 Toxicological Information

Long term experience of handling this class of product under Industrial conditions indicates the absence of any chronic or acute effects.

12 Ecological Information

S-G10 is totally miscible with water and will be progressively diluted if admitted to waterways. The base polymer is only slowly biodegraded (removal >80% by method OECD 302B). In low concentrations (<500mg/litre), the product exhibits low toxicity to fish (OECD 203).

Low concentrations of **S-G10** are unlikely to reduce sludge activity in sewage treatment. The polymer will be largely absorbed on the sludge and is consequently removed from the waste water.

13 Disposal Considerations

S-G10 is not classified as hazardous waste. The polymer can be coagulated and separated from the aqueous phase for landfill or incineration. The residual liquid should not be discharged to sewage treatment without prior consent. Existing EEC, National and Local Regulations must always be complied with.

14 Transport Information

S-G10 is not classified as hazardous for transportation.

15 Regulatory Information

EEC Hazard Classification: -None

The product contains only substances which are on the European Inventory of Existing Chemical Substances (EINECS).

16 Other Information

The information provided in this Safety Data Sheet is based on the present state of knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications