

SAFETY DATA SHEET

SDS No. 001/2/05

Conforms To 91/155/EEC

SECTION 1**IDENTITY OF SUBSTANCE & COMPANY**

COMPANY/UNDERTAKING: Advanced Chemical Specialties Limited
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PRODUCT NAME: ACS ANTIMOULD EMULSION**HSE No 6308****DESCRIPTION: WATERBORNE LATEX CO-POLYMER BASED FUNGICIDAL AND MOULD INHIBITING PAINT FOR APPLICATION TO INTERIOR MASONRY SURFACES****SECTION 2****COMPOSITION/INFORMATION ON COMPONENTS**

Substances in the preparation that require classification under The Chemicals (Hazard Information and Packaging for Supply) Regulations 2003 (CHIPS 3) or for which workplace limits have been set.

	CAS NO.	R SYMBOL	R PHRASE	RANGE
2-octyl-2H-isothiazol-3-one	26530-20-1	C, N	20,21,34,43,51/53	0.5-0.75%
INERTS				+ 95%

SECTION 3**HAZARD IDENTIFICATION**

Classification of the preparation in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 2003 (CHIPS 3) and The Control of Pesticides Regulations (as amended 1997)

Irritant – May Cause Sensitization by Skin Contact**SECTION 4****FIRST AID MEASURES**

SWALLOWING Administer 0.5 - 1 pint of water and seek medical attention immediately. If symptoms attributable to this product occur consult a Doctor. Never administer anything by mouth to an unconscious person.

EYES Rinse immediately with plenty of clean water for at least 15 minutes. Seek medical attention if irritation occurs. This product contains micronised aggregate, which may have a mild irritating effect and vinyl emulsion, which may adhere to the surface of the eye.

INHALATION Under normal conditions of use this product does not constitute an inhalation hazard.

SKIN Remove contaminated clothing and wash affected areas with soap and water. Launder contaminated clothing before re-use.

SECTION 5**FIRE FIGHTING MEASURES****EAC - N/A**

EXTINGUISHING MEDIA: Product is essentially non-combustible.

PPE FIRE: Gloves, boots and self-contained breathing apparatus.

PRODUCTS OF COMBUSTION: Product is essentially non-combustible aqueous emulsion, however exposure to high temperatures may ignite the emulsion portion, releasing oxides of nitrogen, carbon and black smoke.

PPE SPILLAGE: Gloves, rubber boots and eye/face protection.

OTHER INFORMATION (FIRE)

NONE.

SECTION 6 ACCIDENTAL RELEASE/SPILLAGE CONTROL MEASURES

If possible, wearing personal protective clothing and without taking personal risk, shut-off or remove the source of the leak. Absorb spillage with sand, sawdust, vermiculite or earth and place into suitable (HDPE/metal) container, seal and label with contents to await disposal.

If product has entered ponds, watercourses or ditches, inform police, fire brigade or the Environment Agency

SECTION 7 HANDLING AND STORAGE

Store in frost-free conditions, out of reach of children and apart from food, drink and animal feedstuffs. Store in original container, tightly closed. Wash hands and exposed skin before meals and after work

SECTION 8 EXPOSURE CONTROLS/PPE

Wear suitable gloves (neoprene/PVC or Nitrile), coveralls and eye/face protection. If spraying, wear suitable respiratory protection such as cartridge type respirator fitted with a particulate filter. When using do not eat, drink or smoke and wash hands and exposed skin before meals and after work.

This product contains ingredients, which may cause sensitization in certain individuals. Persons with a history of eczema or psoriasis should exhibit care when handling or using this product and stop using if inflammation occurs.

Engineering controls may replace PPE if it can be shown to provide an equal or higher degree of protection.

Do not contaminate foodstuffs, eating utensils or food contact surfaces. Keep unprotected persons clear of treated surfaces until dry. Remove or cover fishbowls and water storage tanks before application.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE:	Emulsion Paint	
ODOUR:	Slight	
PH:	6 - 8(ACS)	FLASH POINT: N/A
BOILING POINT:	>100°C (ACS)	AUTO IGNITION: N/A
MELTING POINT:	Not applicable	
EXPLOSIVE PROPERTIES:	None	OXIDISING PROPERTIES: None.
VAPOUR PRESSURE:	N/A	DENSITY: 1.34-1.39g/cm ³ (ACS)
SOLUBILITY IN WATER:	Soluble	
SOLUBILITY IN SOLVENT:	Low	(SPECIFY SOLVENT):
PARTITION COEFFICIENT:	N/A	n-Octanol/Water

OTHER INFORMATION

None

SECTION 10 STABILITY AND REACTIVITY

Stable and non-reactive under normal conditions of use and storage

INCOMPATIBLE SUBSTANCES

None known.

SECTION 11
TOXICOLOGICAL INFORMATION

LD₅₀ of Ai (<1% in preparation) Ca 900mg/kg RAT (Thor)
 DERMAL>2000 mg/kg RAT

EFFECTS OF ACUTE (OVER) EXPOSURE

- SKIN:** No acute effects known. Prolonged exposure to emulsion paint may cause dryness and cracking. Persons with a history of skin complaints and allergies should avoid prolonged contact.
- EYES:** Some reddening and watering may occur which should subside immediately after treatment.
- INHALATION:** Under normal conditions of use this product does not constitute inhalation hazard. Inhalation of spraymist may result in some irritation to the respiratory system by way of a persistent cough. Asthmatics and people with a history of respiratory problems should not breath spraymist.
- INGESTION:** Acute effects may be nausea and stomach pains.

No evidence of mutagenic or carcinogenic effects.

SECTION 12
ECOLOGICAL INFORMATION

This product will exhibit some toxicity to aquatic life.
 There is small potential for the biocides to bioaccumulate in aquatic species.
 The preparation is not known to be phytotoxic.

LC₅₀ Ai (<1% in preparation) (Thor)

ECO/48hr: 0.32 mg/l (Ai) Daphnia
 EC50: 30.2mg/l (Activated sludge organisms)

Avoid release to the environment. Prevent surface run-off from entering drains and do not contaminate ponds, watercourses or ditches with waste, product or used containers.

SECTION 13
WASTE DISPOSAL

Dispose of liquid waste in accordance with the Environmental Protection Act 1990, preferably by landfill at a site authorised and licensed by the local authority operated by a competent, approved and licensed waste disposal contractor.

Product that has dried (solidified) and empty, cleaned containers may be disposed of as inert industrial or domestic refuse. Cleaned containers may be re-cycled (HDPE)

The Duty of Care Waste Transfer form should specify: Fungicidal Emulsion Paint HSE No 6308.
 EWC: 08 01 12

SECTION 14
TRANSPORT PRECAUTIONS

PACKAGING GROUP: N/A

HAZARD CLASS: N/A

UN No: N/A

TREM CARD No: N/A

OTHER INFORMATION Not restricted under ADR or CDG-CPL. In mixed loads stow apart from food, drink and animal feedstuffs.

SECTION 15**REGULATORY INFORMATION**

This product has been assessed and classified according to The Chemicals (Hazard Information and Packaging for Supply) Regulations 2003 (CHIPS 3) and the Control of Pesticides Regulations (as amended) 1997 (inc Northern Ireland) and ascribed the following risk phrase(s):

R-Phrase(s): R43 – May Cause Sensitization by Skin Contact

S-Phrase(s): See product label

The Control of Substances Hazardous to Health Regulations may apply to this product when used at work.

SECTION 16**OTHER INFORMATION**

This product is approved for professional and amateur use, as a biocidal paint under The Control of Pesticides Regulations (as amended) 1997 for use as directed on the label. HSE No 6308
A COPY OF THE LABEL MUST ACCOMPANY THIS SDS

Further reading:

L9 – The Safe Use of Pesticides for Non-Agricultural Purposes

L25 – Personal Protective Equipment at Work

EH/40 – Occupational Exposure Limits (revised annually)

The Health & Safety at Work Act 1974

HSG206 – Cost Effectiveness of Chemical Protective Gloves for the Workplace

HSG71 – The Storage of Packed Dangerous Substances

HSG53 – The Selection, Use and Maintenance of Respiratory Protective Equipment

The Environmental Protection Act 1990

The Collection and Disposal of Waste Regulations

Information on these and other relevant publications may be found by contacting the following:

E-mail: hsebooks@prologue.uk.com or www.hsebooks.co.uk

Or write to: HSE Books, P.O. Box 1999, Sudbury, Suffolk CO10 2WA (Tel: 01787-881165) and obtain a free copy of the HSE Books catalogue.

THE FOLLOWING SECTIONS SHOW CHANGED OR AMENDED INFORMATION:

1, 2, 3, 4, 6, 7, 8, 12 & 15

INFORMATION ON THIS PRODUCT IS HELD ON THE NPIS TOXBASE DATABASE

COMPILED BY: P Parton

DATE: January 2005

NOTICE TO CUSTOMER:

**ENSURE ALL POTENTIAL USERS OF THIS PRODUCT ARE AWARE OF THIS SDS PRIOR TO PRODUCT'S USE.
KEEP SDS IN A SAFE PLACE READILY LOCATABLE IN CASE OF FUTURE USE.
READ THIS SDS IN CONJUNCTION WITH ANY LABEL AND DIRECTIONS FOR USE ON THE PRODUCT CONTAINER.
DESTROY ALL OBSOLETE COPIES RELATING TO THIS PRODUCT.
THIS SDS RELATES ONLY TO THE PRODUCT SPECIFIED.
COPIES OF THIS DOCUMENT ARE AVAILABLE ON REQUEST.**

THIS SAFETY DATA SHEET IS BASED ON THE BEST OF CURRENT INFORMATION AND ADVICE AVAILABLE TO US AND IS BELIEVED TO BE TRUE AND ACCURATE. NO LIABILITY CAN BE ACCEPTED FOR ANY LOSS, DAMAGE OR INJURY AS CONDITIONS OF USE ARE OUTSIDE OUR CONTROL. THIS IS NOT A TECHNICAL SPECIFICATION.

THIS SDS INFORMATION REPLACES THE PREVIOUS SDS INFORMATION CONTAINED IN REF: 001/1/98