

SAFETY DATA SHEET
Conforms to 1907/2006/EC (REACH) Annex II - UK

SDS No. 003/GHS/15

SECTION 1 IDENTITY OF SUBSTANCE OR PREPARATION & COMPANY**COMPANY/UNDERTAKING:** Advanced Chemical Specialties Limited

9, Bofors Park, Artillery Road, Yeovil, Somerset, BA22 8YH UK

☎ (+44) 01935-414012. 📠 (+44) 01935-414022. ✉ info@acslimited.co.uk**PRODUCT NAME:** ACS ANTICONDENSATION COATING**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Surface coating (paint) for application to interior ceilings in domestic, commercial and industrial buildings. Thermal barrier and moisture adsorption coating

1.3 Details of the supplier of the safety data sheet

Advanced Chemical Specialties Ltd

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☎ (+44) 01935-414012. 📠 (+44) 01935-414022. ✉ info@acslimited.co.uk**SECTION 2** HAZARD IDENTIFICATION**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture.

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not a hazardous substance or mixture.

2.2 Label elements**Labelling (GHS):**

No labelling according to GHS required.

Special identification instructions:**Precautionary Statements:**

P102 - Keep out of reach of children.

P101 - If medical advice is needed, have product container or label at hand.

P262 - Do not get in eyes, on skin, or on clothing.

P312 - Call a POISON CENTER or physician if you feel unwell.

P501 - Dispose of contents and container in accordance with all local, regional, national or international regulations.

Contains reaction mass of: 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) May produce an allergic reaction.

2.3 Other hazards

None

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable

3.2 Mixtures**3.2.1 Chemical characterization (preparation)**

Paint

SECTION 4 FIRST AID MEASURES**4.1 Description of first aid measures****General information:**

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

After inhalation:

Provide fresh air.

After contact with the skin:

Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

After contact with the eyes:

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

After swallowing:

Give several small portions of water to drink. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Any relevant information can be found in other parts of this section.

4.3 Indication of any immediate medical attention and special treatment needed

Further toxicology information in section 11 must be observed.

SECTION 5**FIRE FIGHTING MEASURES**

EAC -

Product is essentially non-combustible

5.1 Extinguishing media**Suitable extinguishing media:**

Water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand.

Extinguishing media which must not be used for safety reasons:

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products: nitrous gases and oxides of carbon. Do not allow extinguishing water to enter sewerage, the soil or inshore waters.

5.3 Advice for firefighters**Special protective equipment for fire fighting:**

Use respiratory protection independent of recirculated air.

SECTION 6**ACCIDENTAL RELEASE / SPILLAGE CONTROL MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Avoid inhaling mists and vapours. If material is released indicate risk of slipping.

6.2 Environmental precautions

Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

6.3 Methods and material for containment and cleaning up

Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/regional/national regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

Further information:

None.

6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

SECTION 7**HANDLING AND STORAGE****7.1 Precautions for safe handling****General information:**

Always stir well before use.

Precautions for safe handling:

Avoid formation of aerosols. In case of aerosol formation special protective measures are required (exhausting by suction, respiratory protection). Ensure adequate ventilation. Spilled substance increases risk of slipping.

Precautions against fire and explosion:

Heating may cause pressure rise with subsequent risk of bursting. Cool containers exposed to fire with water.

7.2 Conditions for safe storage, including any incompatibilities**Conditions for storage rooms and vessels:****Advice for storage of incompatible materials:**

Not applicable

Further information for storage:

Minimum temperature allowed during storage and transportation: 5 °C

Do not allow this material to freeze.

Maximum temperature allowed during storage and transportation: 40 °C

7.3 Specific end use(s)

No data are available.

SECTION 8**EXPOSURE CONTROLS/PPE****8.1 Control parameters****Maximum airborne concentrations at the workplace:**

No data available for the product itself.

8.2 Exposure controls**8.2.1 Exposure in the work place limited and controlled****General protection and hygiene measures:**

Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling.

Personal protection equipment:**Respiratory protection**

In accordance with instructions: not required. In case of aerosol or mist formation use respiratory protection. Combi filter A/P2.

Hand protection

Nitrile rubber protective gloves. Protective gloves made of butyl rubber. Gloves suitable for up to 60 minutes use.

Eye protection

Tight fitting protective goggles or glasses with side shields .

8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

SECTION 9	PHYSICAL / CHEMICAL PROPERTIES
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9.1 Information on basic physical and chemical properties**General information:**

Physical state / form.....: liquid
 Colour: white or coloured
 Odour: slight

Important information about the protection of health, safety and the environment:

Property:	Value:	Method:
Melting point / melting range	1 °C	
Boiling point / boiling range	100 °C	
Flash point.....	Not applicable	
Sustained combustibility.....	Not applicable	
Ignition temperature	Not applicable	
Lower explosion limit (LEL)	Not applicable	
Upper explosion limit (UEL).....	Not applicable	
Vapour pressure.....	No data available	
Density	1.25-1.35 g/cm ³	
Water solubility / miscibility.....	completely miscible	
pH-Value	approx. 6-8	
Viscosity (dynamic)	No data available	

9.2 Other information

SECTION 10	STABILITY AND REACTIVITY
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10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Store apart from oxidizing agents, acids and bases

10.6 Hazardous decomposition products

None Known

SECTION 11	TOXICOLOGICAL INFORMATION
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11.1 Information on toxicological effects**11.1.1 Acute toxicity****Assessment:**

No data on acute inhalation toxicity is available for this product. In case of aerosol formation do not breathe spraymist

Acute toxicity estimate (ATE):

ATEmix (oral): > 2000 mg/kg

11.1.2 Skin corrosion/irritation**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.3 Serious eye damage / eye irritation**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.4 Respiratory or skin sensitization**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.5 Germ cell mutagenicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.6 Carcinogenicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.7 Reproductive toxicity**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.8 Specific target organ toxicity (single exposure)**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.9 Specific target organ toxicity (repeated exposure)**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.10 Aspiration hazard**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

11.1.11 Further toxicological information

There are no data available on the mixture itself. The mixture is not classified as dangerous according to Directive 1999/45/EC and its amendments.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

The product is not considered as a primary skin or eye irritant. There is no evidence of carcinogenicity.

SECTION 12**ECOLOGICAL INFORMATION****12.1 Toxicity****Assessment:**

According to current knowledge adverse effects on water purification plants are not expected.

12.2 Persistence and degradability**Assessment:**

No data available.

12.3 Bioaccumulative potential**Assessment:**

Bioaccumulation is not expected to occur

12.4 Mobility in soil**Assessment:****12.5 Results of PBT and vPvB assessment**

No data are available.

12.6 Other adverse effects

None known

SECTION 13**WASTE DISPOSAL****13.1 Waste treatment methods****13.1.1 Material**

Recommendation:

Dispose of according to regulations by landfill or recovery. Observe local/regional/national regulations.

13.1.2 Un-cleaned packaging

Recommendation:

Completely discharge containers (no tear drops, scraped carefully). Containers may be recycled or re-used. Observe local/regional/national regulations.

13.1.3 Waste Disposal Legislation Ref.No.(EC)

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Dispose of in accordance with The Environmental Protection Act 1990, at a waste treatment site approved and licensed by the local authority and operated by an approved, competent and licensed waste disposal contractor.

SECTION 14**TRANSPORT PRECAUTIONS****14.1 – 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group****Road ADR:**

Valuation: Not regulated for transport

Railway RID:

Valuation: Not regulated for transport

Transport by sea IMDG-Code:

Valuation: Not regulated for transport

Air transport ICAO-TI/IATA-DGR:

Valuation: Not regulated for transport

14.5 Environmental hazards

Hazardous to the environment: None

14.6 Special precautions for user

Relevant information in other sections has to be considered.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk transport in tankers is not intended.

SECTION 15**REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Relevant regulations:

SI 2002/1689: CHIP Regulations 2002

SI 2002/2677: COSHH Regulations 2002

SI 1999/3242: Management of Health & Safety at Work Regulations 1999

Health & Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

15.2 Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

SECTION 16**OTHER INFORMATION****Key to risk phrases used in section 2.**

None

Further reading:

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

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

The Environmental Protection Act 1990

The Collection and Disposal of Waste Regulations

L5 – The Control of Substances Hazardous to Health Regulations 2003 Approved Code of Practice

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

E-mail: hsebooks@prologue.uk.com or www.hsebooks.co.ukAlternatively, most Approved Codes of practice are now available to download for free: visit www.hse.gov.uk or www.businesslink.gov.uk and click on 'Workplace Health and safety'

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 Health and safety Executive can also keep you regularly updated with new legislation and HSE news by going to:

www.hse.gov.uk and following the links to the e-Bulletins**THE FOLLOWING SECTIONS SHOW CHANGED OR AMENDED INFORMATION:****New Issue****COMPILED BY:** P Parton**DATE:** May 2015**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.**

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