ALLTIMES COATINGS
EXPERIENCE THE DIFFERENCE IN EVERY COAT

# Advantage® Surface Activator

ADVANTAGE Gives you the edge

Alltimes Advantage® Surface Activator is formulated specifically for use with Advantage® for Gutters. This specially formulated cleaner is a high performance solution that prepares the surface and removes any contaminants prior to applying further coats of Advantage® for Gutters once the 9 hour overcoat-ability window has closed.

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product Identifier

| | |
|---|---|
| **Product Name:** | Advantage® Surface Activator (Pre-Cleaner) |
| **Product Number:** | R285 |

### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

| | |
|---|---|
| **Identified Users:** | Consumer Use, Professional Use, Industrial Use |

### 1.3 Details of the Supplier of the Safety Data Sheet

| | |
|---|---|
| **Supplier:** | Alltimes Coatings Limited Unit 17A, Nailsworth Mills Estate, Nailsworth, Gloucestershire, GL6 0BS. UK |

### 1.4 Emergency Contact Numbers

| | |
|---|---|
| **Telephone:** | 01455 272 278 |
| **Mobile:** | 07773 329 424 |

## SECTION 2: Hazards Identification

### 2.1 Classification of the Substance or Mixture Classification (EC 1272/2008)

| | |
|---|---|
| **Physical Hazards:** | - |
| **Health Hazards:** | - |
| **Environmental Hazards:** | - |
| **Classification (67/548/EEC or 1999/45/EC):** | - |
| **Human Health:** | This product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. |
| **Environmental:** | This product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. |
| **Physicochemical:** | This product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. |

## 2.2 Label Elements

| | |
|---|---|
| **Pictogram:** | - |
| **Signal Word:** | - |
| **Hazard Statements:** | - |
| **Precautionary Statements:** | P102 Keep out of reach of children.<br>P262 Do not get in eyes, on skin, or on clothing.<br>P282 Wear cold insulating gloves/face/eye protection.<br>P302+P352 IF ON SKIN: Wash with plenty of soap and water.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P314 Get medical advice/attention if you feel unwell. |
| **Supplementary Label Statements:** | EUH210 Safety data sheet available on request |

## 2.3 Other Hazards

| | |
|---|---|
| **Other Hazards:** | This product does not contain any substances classified as PBT or vPvB. |

# SECTION 3: Composition/Information on Ingredients

## 3.1 Mixtures

| | |
|---|---|
| **Dipropylenglycol Methylether** | > 50% |
| **CAS Number:** | 34590-94-8 |
| **EC Number:** | 252-104-2 |
| **REACH Registration Number:** | 01-2119450011-60 |
| **Classification (EC 1272/2008):** | Not Classified |
| **Classification (67/548/EEC):** | - |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

# SECTION 4: First Aid Measures

## 4.1 Description of First Aid Measures

| | |
|---|---|
| **General:** | If you feel unwell, seek medical advice. Get medical advice/attention if you feel unwell. |
| **Inhalation:** | Remove person to fresh air and keep comfortable for breathing. If breathing is difficult remove person to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult trained personnel should give oxygen. |
| **Ingestion:** | Call a poison center or doctor if you feel unwell. |
| **Skin Contact:** | Wash skin with plenty of water as a precaution. If irritation occurs get medical advice/attention. |
| **Eye Contact:** | Rinse eyes with plenty of water as a precaution. Continue to rinse for at least 15 minutes. Get immediate medical advice/attention. |

## 4.2 Most Important Symptoms and Effects, Both Acute and Delayed

| | |
|---|---|
| **Inhalation:** | Although no appropriate human or animal effects data are known to exist, this material is expected to be an inhalation hazard. May cause allergy or asthma symptoms or difficult breathing if inhaled. |
| **Ingestion:** | None under normal conditions. May cause irritation to digestive tract, abdominal pain, nausea. |
| **Skin Contact:** | None under normal conditions. May cause irritation or an allergic reaction. |
| **Eye Contact:** | None under normal conditions. May cause irritation, redness, itching, tears |

## 4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

| | |
|---|---|
| **Notes for the Doctor:** | Treat symptomatically. |

## SECTION 5: Firefighting Measures

## 5.1 Extinguishing Media

| | |
|---|---|
| **Suitable Extinguishing Media:** | Water spray. Dry powder. Foam. Carbon dioxide. |
| **Unsuitable Extinguishing Media:** | Do not use a heavy water stream. |

## 5.2 Special Hazards Arising from the Substance or Mixture

| | |
|---|---|
| **Specific Hazards:** | No fire hazard. |
| **Hazardous Combustion Products:** | No direct explosion hazard. |
| **Unusual Fire & Explosion Hazards:** | Toxic fumes may be released. |

## 5.3 Advice for Firefighters

| | |
|---|---|
| **Protective Actions During Firefighting:** | Fight fire from a safe distance and protected location. Do not enter the fire area without proper protective equipment, including respiratory protection. |
| **Special Protective Equipment for Firefighters:** | Do not attempt to take action without suitable protective equipment. Self contained breathing apparatus. Complete protective clothing. |

## SECTION 6: Accidental Release Measures

## 6.1 Personal Precautions, Protective Equipment and Emergency Procedures

| | |
|---|---|
| **General:** | Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
| **For Non-Emergency Personnel:** | Protective Equipment: Wear recommended personal protective equipment. Emergency Procedures: Ventilate spillage area. |
| **For Emergency Personnel:** | Protective Equipment: Do not attempt to take action without suitable protective equipment. Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so. |

## 6.2 Environmental Precautions

| | |
|---|---|
| **Environmental Precautions:** | Avoid release in to the environment. Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters. |

## 6.3 Methods & Material for Containment and Cleaning

| | |
|---|---|
| **For Containment:** | Absorb spilled materials with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| **Methods for Cleaning Up:** | Take up liquid spills into absorbent material. |
| **Other Information:** | Dispose of materials or solid residues at an authorised site. |

## 6.4 Reference to Other Sections

| | |
|---|---|
| **Reference to Other Sections:** | For further information, see sections 8 and 13. |

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

| | |
|---|---|
| **Usage Precautions:** | Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work area. Wear personal protective equipment. |
| **Hygiene Measures:** | Do not eat, drink or smoke when using this product. Always wash your hands after handling this product. |

### 7.2 Conditions for Safe Storage, Including Any Incompatibilities

| | |
|---|---|
| **Storage Precautions:** | Keep in a cool, well ventilated place, away from heat. Protect from sunlight. Keep container tightly closed. |
| **Packaging Precautions:** | Keep only in original container. |

### 7.3 Specific End Use(s)

| | |
|---|---|
| **Specific End Use(s):** | No additional information available. |

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters Occupational Exposure Limits

| | | |
|---|---|---|
| **Indicative Occupational Exposure Limit:** | IOEL (EU) | |
| **Dipropylenglycol Methylether:** | (2-Methoxymethylethoxy)-propanol | |
| **IOEL TWA:** | 308 mg/m$^3$ | 50 ppm |
| **Remark:** | Skin | |
| **Regulatory Reference:** | Commission Directive 2000/39/EC | |

| | | |
|---|---|---|
| **Occupational Exposure Limit:** | OEL (UK) | |
| **Dipropylenglycol Methylether:** | (2-Methoxymethylethoxy)-propanol | |
| **WEL TWA (OEL TWA):** | 308 mg/m$^3$ | 50 ppm |
| **Remark:** | Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity). | |
| **Regulatory Reference:** | EH40/2005 (Forth Edition, 2020) HSE | |

### 8.2 Exposure Controls

| | |
|---|---|
| **Engineering Controls:** | Regular cleaning of the work area. |
| **Eye Protection:** | Wear approved safety goggles/glasses. |
| **Skin & Body Protection:** | Wear suitable protective clothing. |
| **Hand Protection:** | Wear suitable protective gloves. |
| **Respiratory Protection:** | In case of insufficient ventilation, wear suitable respiratory equipment. |
| **Environmental Exposure:** | Avoid release in the environment. |

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

| | |
|---|---|
| **Physical State:** | Liquid |
| **Colour:** | Colourless |
| **Odour:** | No data available |
| **pH:** | No data available |
| **Evaporation Rate:** | No data available |
| **Melting Point:** | Not applicable |
| **Freezing Point:** | No data available |
| **Boiling Point:** | 190°C |
| **Flash Point:** | 75°C |
| **Auto-ignition Temperature:** | 270°C |
| **Decomposition Temperature (°C):** | No data available |
| **Flammability (Solid, Gas):** | Not applicable |
| **Vapour Pressure:** | No data available |
| **Relative Density:** | No data available |
| **Solubility:** | No data available |
| **Partition Coefficient (n-octanol/water):** | No data available |
| **Viscosity:** | No data available |
| **Oxidising Properties:** | No data available |
| **Explosive Properties:** | No data available |
| **Explosive Limits:** | No data available |

### 9.2 Other Information

| | |
|---|---|
| **Volatile Organic Compound:** | No additional information available. |

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

| | |
|---|---|
| **Reactivity:** | Non-reactive under normal conditions of use, storage and transport. |

### 10.2 Chemical Stability

| | |
|---|---|
| **Stability:** | Stable under normal conditions. |

### 10.3 Possibility of Hazardous Reactions

| | |
|---|---|
| **Possibility of Hazardous Reactions:** | No dangerous reactions known under normal conditions of use. |

### 10.4 Conditions to Avoid

| | |
|---|---|
| **Conditions to Avoid:** | None under recommended storage and handling conditions. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |

### 10.5 Incompatible Materials

| | |
|---|---|
| **Materials to Avoid:** | No additional information available. |

## 10.6 Hazardous Decomposition Products

| | |
|---|---|
| **Hazardous Decomposition Products:** | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

# SECTION 11: Toxicological Information

## 11.1 Information on Toxicological Effects Acute Toxicity

| | |
|---|---|
| **Acute Toxicity (Oral):** | No data available |
| **Acute Toxicity (Dermal):** | No data available |
| **Acute Toxicity (Inhalation):** | No data available |

| | |
|---|---|
| **Dipropylenglycol Methylether:** | |
| **LD50 Oral Rat:** | > 5000 mg/kg |
| **LD50 Dermal Rat:** | > 19020 mg/kg bodyweight animal: rat<br>(Guideline: OECD Guideline 402 (Acute Dermal Toxicity)) |
| **LD50 Dermal Rabbit:** | 9510 mg/kg bodyweight animal: male rabbit<br>(Guideline: OECD Guideline 402 (Acute Dermal Toxicity)) |
| **LD50 Inhalation Rat:** | > 3000 mg/m$^3$<br>(Source: ECHA) |

| | |
|---|---|
| **Dipropylenglycol Methylether:** | |
| **NOAEL Oral Rat (90 Days):** | 1000 mg/kg bodyweight animal: rat<br>(Guideline: Other) |

| | |
|---|---|
| **Dipropylenglycol Methylether:** | |
| **Viscosity, Kinematic:** | 3.895 mm$^2$/s |

# SECTION 12: Ecological Information

## 12.1 Toxicity

| | |
|---|---|
| **Ecology:** | Not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. No data available. |
| **Hazardous to Aquatic Environment:** | No data available (short-term) |
| **Hazardous to Aquatic Environment:** | No data available (long-term) |

| | |
|---|---|
| **Dipropylenglycol Methylether:** | |
| **LC50 Fish:** | > 1000 mg/l |
| **EC50 Other Aquatic Organisms:** | 1919 mg/l |
| **EC50 72h Algae:** | > 969 mg/l test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| **EC50 96h Algae:** | > 969 mg/l test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| **LOEC (Chronic):** | 0.5 mg/l test organisms (species): Daphnia magna<br>Duration: 22 days |
| **NOEC (Chronic):** | > 0.5 mg/l test organisms (species): Daphnia magna<br>Duration: 22 days |

## 12.2 Persistance & Degradability

| | |
|---|---|
| **Advantage® Pre-Cleaner** | Readily biodegradable. |
| **Dipropylenglycol Methylether:** | Not rapidly biodegradable. |

## 12.3 Bioaccumulative Potential

| | |
|---|---|
| **Advantage® Pre-Cleaner** | No bioaccumulation data available |
| **Dipropylenglycol Methylether:** | - |

## 12.4 Mobility in Soil

| | |
|---|---|
| **Advantage® Pre-Cleaner** | Not absorbed into soil |
| **Dipropylenglycol Methylether:** | - |

## 12.5 Results of PBT and vPvB Assessment

| | |
|---|---|
| **Results of PBT and vPvB Assessment:** | This product does not contain any substances classified as PBT or vPvB. |

## 12.6 Other Adverse Effects

| | |
|---|---|
| **Other Adverse Effects:** | No data available |

# SECTION 13: Disposal Considerations

## 13.1 Waste Treatment Methods

| | |
|---|---|
| **Waste Regulations:** | Disposal must be done according to official regulations. |
| **Waste Methods:** | Disposal of contents/container in accordance with licensed collectors instructions. |
| **Sewage Disposal Recommendations:** | Disposal must be done according to official regulations. |
| **Product/Packaging Disposal Recommendations:** | Disposal must be done according to official regulations. Disposal of packaging should at all times comply with the waste disposal legislation and any regional local authority requirements. |
| **Additional Information:** | Do not reuse empty containers. |

# SECTION 14: Transport Information

## 14.1 UN Number

| | **ADR:** | **IMDG:** | **IATA:** | **ADN:** | **RID:** |
|---|---|---|---|---|---|
| **UN Numb er:** | Not Regulated | Not Regulated | Not Regulated | Not Regulated | Not Regulated |

## 14.2 UN Proper Shipping Name

| | | | | | |
|---|---|---|---|---|---|
| **UN Shipping Name:** | Not Regulated | Not Regulated | Not Regulated | Not Regulated | Not Regulated |

## 14.3 Transport Hazard Class(es)

| | | | | | |
|---|---|---|---|---|---|
| **Transport Hazard Class(es):** | Not Regulated | Not Regulated | Not Regulated | Not Regulated | Not Regulated |

## 14.4 Packaging Group

| | | | | | |
|---|---|---|---|---|---|
| **Packing Group:** | Not Regulated | Not Regulated | Not Regulated | Not Regulated | Not Regulated |

## 14.5 Environmental Hazards

| | | | | | |
|---|---|---|---|---|---|
| **Environmental Hazards:** | Not Regulated | Not Regulated | Not Regulated | Not Regulated | Not Regulated |

## 14.6 Special Precautions for User

| | |
|---|---|
| **Special Precautions for User:** | Not Regulated |

## 14.7 Transport in Bulk According to Annex II of MARPOL and the IBC Code

| | |
|---|---|
| **Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** | Not applicable |

# SECTION 15: Regulatory Information

## 15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

| | |
|---|---|
| **EU Regulations** | |
| **REACH Annex XVII (Restriction List):** | Contains no substance(s) listed on REACH Annex XVII (Restriction List). |
| **REACH Annex XIV (Authorisation List):** | Contains no substance(s) listed on REACH Annex XIV (Authorisation List). |
| **REACH Candidate List (SVHC):** | Contains no substance(s) listed on REACH Candidate List. |
| **PIC Regulation (Prior Informed Consent):** | Contains no substance(s) listed on PIC List (Regulation EU 649/2012 concerning the export and import of hazardous chemicals). |
| **POP Regulation (Persistent Organic Pollutants):** | Contains no substance(s) listed on POP List (Regulation EU 2019/1021 on persistent organic pollutants). |
| **Ozone Regulation (1005/2009):** | Contains no substance(s) listed on the Ozone Depletion List (Regulation EU 1005/2009 on substances that deplete the Ozone layer). |
| **Dual-Use Regulation (428/2009):** | Contains no substance(s) subject to the Council Regulation (EU) for control of dual-use items. |
| **Explosives Precursors Regulation (2019/1148):** | Contains no substance(s) listed on the Explosives Precursors List (Regulation EU 2019/1148 on the marketing and use of explosive precursors). |
| **Drug Precursors Regulation (273/2004):** | Contains substance(s) listed on the Drug Precursors List (Regulation EU 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances). |

## 15.2 Chemical Safety Assessment

| | |
|---|---|
| **General:** | No chemical safety assessment has been carried out. |

# SECTION 16: Other Information

## 16.1 Other Information

| **Abbreviations & Acronyms:** | |
|---|---|
| **ADN** | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. |
| **ADR** | European Agreement concerning the International Carriage of Dangerous Goods by Road. |
| **ATE** | Acute Toxicity Estimate. |
| **BCF** | Bioconcentration Factor. |
| **BLV** | Biological Limit Value. |
| **BOD** | Biochemical Oxygen Demand. |
| **COD** | Chemical Oxygen Demand. |
| **DMEL** | Derived Minimal Effect Level. |
| **DNEL** | Derived No Effect Level. |
| **EC-No.** | European Community Number. |
| **EC50** | Median Effect Number. |

| Abbreviations & Acronyms: | |
|---|---|
| **EN** | European Standard. |
| **IARC** | International Agency for Research on Cancer. |
| **IATA** | International Air Transport Association. |
| **IMDG** | International Maritime Dangerous Goods. |
| **LC50** | Median Lethal Concentration. |
| **LD50** | Median Lethal Dose. |
| **LOAEL** | Lowest Observed Adverse Effect Level. |
| **NOAEC** | No Observed Adverse Effect Concentration. |
| **NOAEL** | No Observed Adverse Effect Level. |
| **NOEC** | No Observed Adverse Effect Concentration. |
| **OECD** | Organisation for Economic Co-operation and Development. |
| **OEL** | Occupation Exposure Limit. |
| **PBT** | Persistent Bioaccumulative Toxic. |
| **PNEC** | Predicted No Effect Concentration. |
| **RID** | Regulations concerning the International Carriage of Dangerous Goods by Rail. |
| **SDS** | Safety Data Sheet. |
| **STP** | Sewage Treatment Plant. |
| **ThOD** | Theoretical Oxygen Demand. |
| **TLM** | Median Tolerance Limit. |
| **VOC** | Volatile Organic Compounds. |
| **CAS-No.** | Chemical Abstract Service Number. |
| **N.O.S** | Not Otherwise Specified. |
| **vPvB** | Very Persisttant and Very Bioaccumulative. |
| **ED** | Endocrine Disruptor. |

| H- and EUH- Statements in Full: | |
|---|---|
| **EUH210** | Safety data sheet available on request. |

ALLTIMES COATINGS

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