



# SAFETY DATA SHEET

**ASHLAND**

## AMERSITE 65

### 1. Identification of the substance/preparation and of the company/undertaking

**Product name** AMERSITE 65  
**Use of the substance/preparation** Industrial applications: Corrosion inhibitor.

#### Manufacturer / Supplier

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### 2. Composition/information on ingredients

**Substance/preparation** Preparation  
**Chemical characterization** Aqueous solution containing: Sodium iso-ascorbate

**Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting in this section, in accordance with EU or national regulations.**

### 3. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

#### Classification

This product is not classified according to EU legislation.

**Note: See section 11 for more detailed information on health effects and symptoms.**

## **4. First aid measures**

### First aid measures

#### **Inhalation**

Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Obtain medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### **Ingestion**

Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Obtain medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### **Skin contact**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Obtain medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

#### **Eye contact**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**Note: See section 11 for more detailed information on health effects and symptoms.**

## **5. Fire-fighting measures**

### Extinguishing media

#### **Suitable**

Use an extinguishing agent suitable for the surrounding fire.

#### **Special exposure hazards**

In a fire or if heated, a pressure increase will occur and the container may burst. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

#### **Thermal decomposition products**

Decomposition products may include the following materials:  
carbon oxides  
metal oxide/oxides

#### **Protection of fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **6. Accidental release measures**

### **Personal precautions**

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

### **Environmental precautions**

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### **Methods for cleaning up**

Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may

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pose the same hazard as the spilt product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

**Note: see section 8 for personal protective equipment and section 13 for waste disposal.**

## 7. Handling and storage

### Handling

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

### Storage

Do not store below the following temperature: 0°C (32°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

### Packaging materials

#### Recommended

Use original container.

## 8. Exposure controls/personal protection

### Exposure limit values

Not available.

### Exposure controls

#### Engineering measures

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protective equipment

#### Respiratory protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

#### Eye protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

#### Skin protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## **9. Physical and chemical properties**

<b>Physical state</b>	Liquid. [Clear.]
<b>Colour</b>	Off-white.
<b>Odour</b>	Odourless.
<b>Boiling point</b>	100°C (212°F)
<b>Melting point</b>	0°C (32°F)
<b>Density</b>	1,05 g/cm <sup>3</sup>
<b>pH</b>	7
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	<1 ((Diethyl ether = 1) = 1)
<b>Explosion limits</b>	Not applicable.
<b>Solubility</b>	Easily soluble in the following materials: cold water.

## **10. Stability and reactivity**

<b>Stability</b>	The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
<b>Materials to avoid</b>	Reactive or incompatible with the following materials: oxidizing materials and acids. Strong oxidising materials, acids
<b>Thermal decomposition products</b>	Decomposition products may include the following materials: carbon oxides metal oxide/oxides

## **11. Toxicological information**

### Potential acute health effects

<b>Inhalation</b>	No known significant effects or critical hazards.
<b>Ingestion</b>	No known significant effects or critical hazards.
<b>Skin contact</b>	No known significant effects or critical hazards.
<b>Eye contact</b>	No known significant effects or critical hazards.

**Acute toxicity** No data available.

<b>Ingredient name</b>	<b>Test</b>	<b>Species</b>	<b>Result</b>	<b>Exposure</b>
AMERSITE 65	LD50 Oral	Rat	>5000 mg/kg	-

### Potential chronic health effects

<b>Chronic effects</b>	No known significant effects or critical hazards.
<b>Carcinogenicity</b>	No known significant effects or critical hazards.
<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Teratogenicity</b>	No known significant effects or critical hazards.
<b>Developmental effects</b>	No known significant effects or critical hazards.
<b>Fertility effects</b>	No known significant effects or critical hazards.

### Over-exposure signs/symptoms

<b>Target organs</b>	Not available.
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## 12. Ecological information

**Environmental effects** Readily biodegradable

**Ecotoxicity data Aquatic ecotoxicity**

**Acute toxicity** Not available.

<b>Ingredient name</b>	<b>Species</b>	<b>Period</b>	<b>Result</b>
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**Other ecological information**

**Persistence/degradability** Not available.

<b>Ingredient name</b>	<b>BOD<sub>5</sub></b>	<b>COD</b>	<b>ThOD</b>
AMERSITE 65	-	0.143 gO <sub>2</sub> /g	-

<b>Ingredient name</b>	<b>Aquatic half-life</b>	<b>Photolysis</b>	<b>Biodegradability</b>
AMERSITE 65	-	-	Readily

**Bioaccumulative potential** Not available.

**AOX** The product does not contain organically bound halogens which could lead to an AOX value in waste water.

## 13. Disposal considerations

**Methods of disposal** The generation of waste should be avoided or minimised wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

**European waste catalogue (EWC)** 16 05 08\*

**Hazardous waste** Yes.

**Additional information** 16 05 08\* discarded organic chemicals consisting of or containing dangerous substances

## 14. Transport information

**Land - road/railway (ADR/RID Classification)**

Not classified as dangerous

**Sea (IMO/IMDG Classification)**

Not classified as dangerous

## 15. Regulatory information

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

**Product use** Industrial applications.

**EU Regulations**

**Risk Phrases** This product is not classified according to EU legislation.

**Safety Phrases** Not applicable.

**Child protection** Not applicable.

**Tactile warning of danger** Not applicable.

## 16. Other information

Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK) *Not applicable.*

Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK) *Not applicable.*

**AMERSITE® is a registered trademark of Ashland.**

### History

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<b>Prepared by</b>	<b>Ashland - European Shared Business Services</b>
<b>Information contact</b>	<b>Contact local supplier or distributor.</b>

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Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.