

Section 1 – Identification of the substance or mixture and of the company



1. Identification of the substance or mixture and of the company

1.1 Product identifier:

Henco UFH-ADN10

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Screed additive

1.3 Details of the supplier providing the safety data sheet:

Company name:
Henco Industries BV
Toekomstlaan(HRT) 27
2200 Herentals

1.4 Emergency information:

+32 14 28 56 60 (Mon-Fri 8am-4:30pm)

Section 2 – Possible hazards



2.1 Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008

Possible hazards:

No special hazards known if the regulations/instructions for storage and handling are observed.
The product may irritate the eyes and skin, especially after drying.

2.2 Label elements:

According to Regulation (EC) No. 1272/2008 (CLP)
The product is not subject to labeling requirements according to EC directives.

2.3 Other hazards

No special hazards known if the regulations/instructions for storage and handling are observed.

Section 3 – Composition/information on ingredients



3.1 Substances

Not applicable

3.2 Mixtures

Chemical characterization:

Mixture of a polymer based on melamine resin, sulfonated, with additives in water
Contains: Polymer based on melamine resin, sulfonated: < 30%

Section 4 – First aid measures



4.1 Description of first aid measures

General information:	Remove contaminated clothing; helpers should take care to protect themselves.
Inhalation:	Provide fresh air; if symptoms persist after inhaling vapor/aerosol, consult a physician.
Skin contact:	Rinse immediately with plenty of soap and water. If irritation persists, seek medical advice.
Eye contact:	Remove contact lenses, keep eyelids open. Rinse with plenty of water (10–15 min.), consult a doctor.
Verschlucken:	Ingestion: Rinse mouth and drink plenty of water in small sips. Consult a doctor. Induce vomiting only if instructed to do so by a poison control center or doctor.

4.2 Most important acute and delayed symptoms and effects

Symptoms: Due to the lack of classification of the product, no unusual symptoms are to be expected.

4.3 Indications for immediate medical attention and special treatment

Treatment: Symptomatic treatment (decontamination/vital functions), no specific antidote known.

Section 5 – Firefighting measures



Product is non-flammable.

Adapt extinguishing measures to surrounding fire; dried material is flammable.

5.1 Extinguishing media:

Suitable extinguishing media: foam, water spray, extinguishing powder, carbon dioxide.

Extinguishing media unsuitable for safety reasons: Full water jet.

5.2 Special hazards arising from the substance:

Carbon dioxide, carbon monoxide, harmful vapors, nitrogen oxides, smoke, soot.

Fire gases from organic materials are generally classified as respiratory toxins.

5.3 Firefighting information:

Special protective equipment: Wear self-contained breathing apparatus.

Further information:

The hazard depends on the substances burning and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Section 6 – Accidental release measures



6.1 Personal precautions, protective equipment, and emergency procedures:

Wear personal protective equipment. Do not inhale vapors/aerosols/spray mist. Ensure adequate ventilation. Keep unprotected and unnecessary personnel away.

6.2 Environmental precautions

Do not allow to enter drains. Contain if large quantities escape. Prevent penetration into groundwater, surface water, and soil.

6.3 Methods and material for containment and cleaning up:

Contain spills. Absorb with liquid-binding materials (e.g., sand, diatomaceous earth, universal binder, sawdust) and dispose of in accordance with section 13. 6.4 Reference to other sections No information available.

Section 7 – Handling and storage



7.1 Precautions for safe handling

Avoid aerosol formation. Avoid inhalation of mist and vapors. Avoid skin contact. No special measures required if used properly.

Fire and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Store in original containers in a cool, well-ventilated place. Protect from heat and frost. Keep away from food, beverages, and animal feed. Protect from direct sunlight.

Storage class TRGS 510: 12 non-flammable liquids

7.3 Specific end use

No further relevant information available



8.1 Parameters to be monitored


Components with occupational exposure limits:


The product does not contain any relevant quantities of substances with occupational exposure limits that need to be monitored.

8.2 Exposure controls and personal protection

Personal protective equipment

Respiratory protection: In case of insufficient ventilation, use combination filters for organic, inorganic, acidic, inorganic, and basic gases/vapors (e.g., EN 14387 Type ABEK).

 Hand protection: Impermeable gloves
Synthetic rubber gloves; due to the wide variety of types available, the manufacturer's instructions for use must be observed.

 Eye protection: Safety glasses with side protection (frame glasses, e.g., EN 166)

 Body protection: Wear long-sleeved protective work clothing

General protective and hygiene measures:

To prevent contamination during handling, closed work clothing and work gloves should be worn. The usual precautions for handling chemical building materials must be observed. Do not eat, drink, or smoke during use. Wash hands and/or face before breaks and at the end of work. Clean and care for skin after work. Gloves must be checked regularly before use. They must be replaced if necessary (e.g., in case of small leaks).

Section 9 – Physical and chemical properties



9.1 Information on basic physical and chemical properties

Form	liquid
Color	light green, clear
Odor	characteristic

Safety-related data:

Flash point	Not applicable
Density	ca. 1,00 – 1,09 g/cm ³
pH-value	6,5 – 7,5
Melting point/freezing point	Not determined
Viscosity	Not determined
Boiling point	Approx. 100° C
Vapor pressure (Water)	23 mbar



10.1 Reactivity

No dangerous reactions if the regulations/instructions for storage and handling are observed.
Metal corrosion: Not corrosive to metal.

10.2 Chemical stability

The product is stable if the regulations/instructions for storage and handling are observed.

10.3 Possibility of hazardous reactions

The product is stable if the regulations/instructions for storage and handling are observed.

10.4 Conditions to avoid

See Safety Data Sheet Section 7 – Handling and Storage

10.5 Incompatible materials

Substances to avoid:
Strong acids, strong bases, strong oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products if the regulations/instructions for storage and handling are observed.

Section 11 – Toxicological information



11.1 Information on toxicological effects

No toxicological studies have been conducted on the product. Practically non-toxic after single skin contact. Practically non-toxic after single inhalation. Practically non-toxic after single oral ingestion.

Acute toxicity (oral):

Sulfonated melamine resin: LD 50 rat (oral): > 5000 mg/kg

Irritation:

Sulfonated melamine resin:

Assessment / Irritation:	Not irritating to eyes and skin
Primary irritation rabbit:	Not irritating (OECD Guideline 404)
Primary mucous membrane irritation rabbit	Not irritating (OECD Guideline 405)

Respiratory tract / skin sensitization:

Sulfonated melamine resin: In particularly sensitive individuals, skin sensitization cannot be ruled out in the event of intensive contact.

Germ cell mutagenicity:

Assessment of mutagenicity:

Sulfonated melamine resin: The substance did not show any mutagenic properties in bacteria.

Kanzerogenität:

Melaminharz sulfoniert: Keine Daten vorhanden

Reproductive toxicity:

Assessment of reproductive toxicity:

Sulfonated melamine resin: No data are available on fertility-impairing effects.

Developmental toxicity:

Teratogenicity assessment:

Sulfonated melamine resin: No data is available on teratogenic effects.

Other toxicity information:

Based on the composition of the product, acute general toxic effects are not to be expected. The product has not been tested. The statement was derived from products of similar structure and composition.

Section 12 – Environmental information



12.1 Toxicity

Aquatic toxicity assessment

Highly unlikely to be acutely toxic to aquatic organisms.

Sulfonated melamine resin: Highly unlikely to be harmful to aquatic organisms

Fish toxicity: LC 50 (48 h) > 560 mg/l, *Leuciscus idus* (DIN 38412, Part 15, static)

Microorganisms / Effect on activated sludge:

EC 10 1800 mg/l, *Pseudomonas putida*

12.2 Persistence and degradability:

Sulfonated melamine resin: Not readily biodegradable

12.3 Bioaccumulative potential

Sulfonated melamine resin: No data available

12.4 Mobility in soil

Sulfonated melamine resin: No data available

12.5 Results of PBT and vPvB assessment

Sulfonated melamine resin: The product does not meet the criteria for PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative)

12.6 Other adverse effects

No data available

12.7 Additional information

Highly unlikely to be acutely toxic to aquatic organisms. Do not allow product to enter the environment uncontrolled. The product has not been tested. The statement was derived from products of similar structure and composition.

Section 13 – Disposal considerations



13.1 Waste treatment procedures

National and local legal regulations must be observed. Dispose of in accordance with waste regulations at a suitable disposal facility.

Waste code: 07 02 99 Waste not otherwise specified.

Contaminated packaging must be emptied as thoroughly as possible; it can then be recycled after appropriate cleaning.

Section 14 – Transport information



UN number: Not classified as dangerous goods

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI/IATA

The product is not subject to ICAO-TI/IATA regulations.

14.4 Other information

No information available.

14.5 Environmental hazards

For information on environmental hazards, see 14.1 – 14.3, if relevant.

14.6 Special precautions for user

No information available

14.7 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/specific legal provisions for the substance or mixture

Water hazard class: (1) slightly hazardous to water

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16 – Other information



The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.

Department issuing data sheet: Laboratory

Abbreviations and acronyms



ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Package
DNEL:	Derived No Effect Level
EINECS:	European Inventory of Existing Commercial Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IBC-Code:	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organization
IMDG:	International Maritime Code for Dangerous Goods
LC50	Lethal concentration
LD50	Lethal dose
RID	Règlement international concernant le transport des marchandises dangereuses par chemin de fer. (Regulations Concerning the International Transport of Dangerous Goods by Rail)