



# SAFETY DATA SHEET

## Harris HTX

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 11.08.2006

Revision date 19.08.2016

#### 1.1. Product identifier

Product name Harris HTX

Article no. 01800

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

Relevant identified uses PC21 Laboratory chemicals

Uses advised against No specific uses advised against are identified.

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Company name HistoLab Products AB

Office address Södra Långebergsgatan 36

Postal address Södra Långebergsgatan 36

Postcode 421 32

City Västra Frölunda

Country Sweden

Tel 0046 31 7093030

Fax 0046 31 7093040

E-mail mail@histolab.se

Website http://www.histolab.se

Enterprise no. 556098-6811

Contact person Malin Häger

#### 1.4. Emergency telephone number

Emergency telephone Office hours:0046 31 709 30 30

### SECTION 2: Hazards identification

#### 2.1. Classification of substance or mixture

Classification according to Eye Dam. 1;H318;

Regulation (EC) No 1272/2008

[CLP/GHS]

#### 2.2. Label elements

##### Hazard Pictograms (CLP)



Signal word

Danger

|                          |                                                                                                                                                                                                                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements        | H318 Causes Serious eye damage.                                                                                                                                                                                                                                                                          |
| Precautionary statements | P280 Wear protective gloves / protective clothing / eye protection / face protection.<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>P310 Immediately call a POISON CENTER or doctor / physician. |

### 2.3. Other hazards

|               |               |
|---------------|---------------|
| Other hazards | Data lacking. |
|---------------|---------------|

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Substance                             | Identification                                                   | Classification     | Contents     |
|---------------------------------------|------------------------------------------------------------------|--------------------|--------------|
| Aluminium Sulphate 14H <sub>2</sub> O | CAS no.: 10043-01-3<br>EC no.: 233-135-0                         | Eye Dam. 1; H318;  | 5 - 10 vikt% |
| Ethanol                               | CAS no.: 64-17-5<br>EC no.: 200-578-6<br>Index no.: 603-002-00-5 | Flam. Liq. 2; H225 | < 6 vikt%    |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|              |                                                                                                                                                                                                      |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation   | Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention.                                                                        |
| Skin contact | Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.                                                          |
| Eye contact  | Important! Immediately rinse with water for at least 15 minutes. Use tempered water. Make sure to remove any contact lenses from the eyes before rinsing. Hold eyelids apart. Get medical attention. |
| Ingestion    | Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention. Never give liquid to an unconscious person.                                                                   |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                  |                             |
|----------------------------------|-----------------------------|
| Information for health personnel | No information required.    |
| Acute symptoms and effects       | Causes serious eye damage.  |
| Delayed symptoms and effects     | Same as the acute symptoms. |

### 4.3. Indication of any immediate medical attention and special treatment needed

|                   |                          |
|-------------------|--------------------------|
| Other Information | No information required. |
|-------------------|--------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                              |                                                                                                                                               |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | This product is not flammable. Water. Foam, carbon dioxide or dry powder. Use fire-extinguishing media appropriate for surrounding materials. |
| Improper extinguishing media | Data missing.                                                                                                                                 |

### 5.2. Special hazards arising from the substance or mixture

|                               |               |
|-------------------------------|---------------|
| Fire and explosion hazards    | Not relevant. |
| Hazardous combustion products | Data lacking. |

### 5.3. Advice for firefighters

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| Fire fighting procedures | Wear full protective clothing. Move container from fire area if it can be done without risk. |
|--------------------------|----------------------------------------------------------------------------------------------|

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures For personal protection, see section 8. The product will colour, use protective gloves. Ventilate well.

## 6.2. Environmental precautions

Environmental precautionary measures Data lacking.

## 6.3. Methods and material for containment and cleaning up

Cleaning method Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water.

## 6.4. Reference to other sections

Other instructions See section 7. See section 8, wear appropriate protective equipment. See section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling The product will colour, use protective gloves. Avoid contact with eyes. Eye wash facilities and emergency shower must be available when handling this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage Protect against direct sunlight. Store in a cool place. Store in tightly closed original container.

### 7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

### Specific end users

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

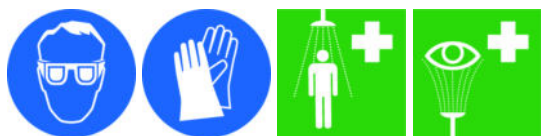
#### Occupational Exposure limit values

| Substance | Identification                                                   | Value                                                      | TWA Year |
|-----------|------------------------------------------------------------------|------------------------------------------------------------|----------|
| Ethanol   | CAS no.: 64-17-5<br>EC no.: 200-578-6<br>Index no.: 603-002-00-5 | 8-hour TWA: 1000 ppm<br>8-hour TWA: 1920 mg/m <sup>3</sup> |          |

### 8.2. Exposure controls

Limitation of exposure on workplace Well-ventilated area.

### Safety signs



### Respiratory protection

Respiratory protection Respiratory protection not required.

### Hand protection

Hand protection Use protective gloves. Use protective gloves in accordance with standard EN 374.  
The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### Eye / face protection

Eye protection Wear approved safety goggles. Protective glasses should be in accordance with European standard EN 166.

**Skin protection**

Skin protection (except hands)

Wear suitable protective clothing as protection against splashing or contamination.

**Hygiene / Environmental**

Specific hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state

Coloured liquid.

Colour

Dark. Red. / Violet.

Odour

Almost odourless.

pH (as supplied)

**Value:** 2,43-2,83

Comments, Melting point / melting range

Data lacking.

Comments, Boiling point / boiling range

Data lacking.

Comments, Flash point

Data lacking.

Comments, Evaporation rate

Data lacking.

Comments, Explosion limit

Data lacking.

Comments, Vapour pressure

Data lacking.

Comments, Vapour density

Data lacking.

Comments, Specific gravity

Data lacking.

Solubility description

Soluble in water.

Comments, Partition coefficient: n-octanol / water

Data lacking.

Comments, Spontaneous combustability

Data lacking.

Comments, Decomposition temperature

Data lacking.

Comments, Viscosity

Data lacking.

**9.2. Other information****Other physical and chemical properties**

Comments

Data lacking.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity

No information required.

**10.2. Chemical stability**

Stability

Stable under the prescribed storage conditions. Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions

No information required.

**10.4. Conditions to avoid**

Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

**10.5. Incompatible materials**

Materials to avoid

Strong oxidising substances.

**10.6. Hazardous decomposition products**

Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Oxides of: Sulphur. Aluminium. Nitrogen. Sodium.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicological data for substances

|                                   |                                                                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Substance                         | Aluminium Sulphate 14H <sub>2</sub> O                                                                                                                                                     |
| LD50 oral                         | <b>Value:</b> > 2000 mg/kg<br><b>Animal test species:</b> Rat                                                                                                                             |
| LD50 dermal                       | <b>Value:</b> > 5000 mg/kg<br><b>Animal test species:</b> Kanin                                                                                                                           |
| LC50 inhalation                   | <b>Value:</b> > 5 mg/L<br><b>Animal test species:</b> Rat                                                                                                                                 |
| Respiratory or skin sensitisation | None.                                                                                                                                                                                     |
| CMR effects                       | <b>Germ cell mutagenicity :</b> None.<br><b>Carcinogenicity:</b> This substance has no evidence of carcinogenic properties.<br><b>Reproductive toxicity:</b> Reproductive Toxicity: None. |

#### Potential acute effects

|              |                                              |
|--------------|----------------------------------------------|
| Inhalation   | No known chronic or acute health risks.      |
| Skin contact | May cause irritation.                        |
| Eye contact  | Corrosive. Immediate first aid is necessary. |
| Ingestion    | Pain in mouth and throat.                    |

#### Delayed effects / repeated exposure

|                        |               |
|------------------------|---------------|
| STOT-single exposure   | Data lacking. |
| STOT-repeated exposure | Data lacking. |

#### Carcinogenic, Mutagenic or Reprotoxic

|                       |       |
|-----------------------|-------|
| Carcinogenicity       | None. |
| Mutagenicity          | None. |
| Reproductive toxicity | None. |

## SECTION 12: Ecological information

### 12.1. Toxicity

|             |                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity | The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Toxicological data for substances

|                                            |                                                                                                                    |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Substance                                  | Aluminium Sulphate 14H <sub>2</sub> O                                                                              |
| Acute aquatic, fish                        | <b>Value:</b> 1000 mg/L<br><b>Method of testing:</b> LC50<br><b>Species:</b> Danio rerio<br><b>Duration:</b> 96 h  |
| Acute aquatic, Daphnia                     | <b>Value:</b> 160 mg/L<br><b>Method of testing:</b> EC50<br><b>Species:</b> Daphnia magna<br><b>Duration:</b> 48 h |
| Mobility, description                      | <b>Mobility, description:</b> The product is soluble in water.                                                     |
| Persistence and degradability              | Data lacking.                                                                                                      |
| Bioaccumulation                            | Will not bio-accumulate.                                                                                           |
| Result of PBT assessment for the substance | This substance is not classified as PBT or vPvB.                                                                   |

### 12.2. Persistence and degradability

|                               |               |
|-------------------------------|---------------|
| Persistence and degradability | Data lacking. |
|-------------------------------|---------------|

### 12.3. Bioaccumulative potential

Bioaccumulative potential Data lacking.

## 12.4. Mobility in soil

Mobility Data lacking.

## 12.5. Results of PBT and vPvB assessment

PBT assessment results This product does not contain any PBT or vPvB substances.

## 12.6. Other adverse effects

Other adverse effects / Remarks Data lacking.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal Confirm disposal procedures with environmental engineer and local regulations.

Relevant waste regulation SFS 2011:927

Product classified as hazardous waste No

Packaging classified as hazardous waste No

## SECTION 14: Transport information

### 14.1. UN number

Comments Not relevant.

### 14.2. UN proper shipping name

Comments Not relevant.

### 14.3. Transport hazard class(es)

### 14.4. Packing group

Comments Not relevant.

### 14.5. Environmental hazards

Comments Not relevant.

### 14.6. Special precautions for user

Special safety precautions for user Not relevant.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Product name -

### Additional information.

Additional information. Not classified as dangerous goods.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Legislation and regulations Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Commission Regulation (EU) No 453/2010, Annex I. Council Directive (EC) 1272/2008. Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden, AFS 2015:7.

## 15.2. Chemical safety assessment

Chemical safety assessment performed No

### SECTION 16: Other information

|                                                                    |                                                                                          |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Supplier's notes                                                   | Replaces safety data sheet with revision date: 07.05.2015                                |
| Classification according to Regulation (EC) No 1272/2008 [CLP/GHS] | Eye Dam. 1; H318;                                                                        |
| List of relevant H-phrases (Section 2 and 3).                      | H318 Causes Serious eye damage.<br>H225 Highly flammable liquid and vapour.              |
| Important data sources used to construct the safety data sheet     | C&L Inventory database. Council Directive (EC) 1272/2008. Information from the supplier. |
| Information which has been added, deleted or revised               | Change to Sections: 2, 3, 15                                                             |
| Version                                                            | 3                                                                                        |
| Responsible for safety data sheet                                  | Histolab Products AB                                                                     |
| Prepared by                                                        | Ann Rütt                                                                                 |