

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name or designation of the mixture KODAK Rapid Fixer

Registration number -

Synonyms None.

SDS number PCD 1720

Product code 5160353B

Issue date 20-November-2016

Version number 07

Revision date 15-January-2021

Supersedes date 18-February-2020

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

Identified uses Photographic processing chemical. (fixer).

Uses advised against For industrial use only.

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

Supplier Sino Promise High Tech Holdings Limited

Address  
Floor 4, Block A  
Waylee Industrial Centre  
30-38 Tsuen King Circuit  
Tsuen Wan, N.T.  
Hong Kong

e-mail EHS-Questions@sinopromise.com

Emergency telephone number 0344 892 0111 (UK) or 01 809 2566 (Ireland)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

**Classification according to Regulation (EC) No 1272/2008 as amended****Physical hazards**

Corrosive to metals Category 1 H290 - May be corrosive to metals.

**Health hazards**

Skin corrosion/irritation Category 2 H315 - Causes skin irritation.

Serious eye damage/eye irritation Category 1 H318 - Causes serious eye damage.

**Hazard summary**

May be corrosive to metals. Causes severe skin burns and eye damage. Prolonged exposure may cause chronic effects. Occupational exposure to the substance or mixture may cause adverse health effects.

**2.2. Label elements****Label according to Regulation (EC) No. 1272/2008 as amended**

Contains: Aluminium sulphate, Sulphuric acid 10 - < 15%

**Hazard pictograms**

Signal word Danger

**Hazard statements**

H290 May be corrosive to metals.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

## Precautionary statements

### Prevention

|      |                                                                            |
|------|----------------------------------------------------------------------------|
| P234 | Keep only in original container.                                           |
| P260 | Do not breathe vapour.                                                     |
| P264 | Wash thoroughly after handling.                                            |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

### Response

|                    |                                                                                                                                  |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------|
| P301 + P330 + P331 | IF SWALLOWED: rinse mouth. Do NOT induce vomiting.                                                                               |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P304 + P340        | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310               | Immediately call a POISON CENTRE/doctor.                                                                                         |
| P332 + P313        | If skin irritation occurs: Get medical advice/attention.                                                                         |
| P362 + P364        | Take off contaminated clothing and wash it before reuse.                                                                         |
| P390               | Absorb spillage to prevent material damage.                                                                                      |

**Storage** Not available.

**Disposal** Not available.

**Supplemental label information** None.

**2.3. Other hazards** Not a PBT or vPvB substance or mixture.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

| Chemical name          | %                  | CAS-No. / EC No.        | REACH Registration No. | Index No.    | Notes |
|------------------------|--------------------|-------------------------|------------------------|--------------|-------|
| Aluminium sulphate     | 15 - 20            | 10043-01-3<br>233-135-0 | -                      | -            |       |
| <b>Classification:</b> | Eye Dam. 1;H318    |                         |                        |              |       |
| Sulphuric acid         | 10 - < 15          | 7664-93-9<br>231-639-5  | -                      | 016-020-00-8 | #     |
| <b>Classification:</b> | Skin Corr. 1A;H314 |                         |                        |              | B     |

#### List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different labelling since the hazards vary at different concentrations.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 4.1. Description of first aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control centre immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.

**Ingestion** Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**4.2. Most important symptoms and effects, both acute and delayed** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

**General fire hazards** No unusual fire or explosion hazards noted.

### 5.1. Extinguishing media

**Suitable extinguishing media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

**Special fire fighting procedures** Move containers from fire area if you can do so without risk.

### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

### 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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

Should not be released into the environment. Prevent entry into waterways, sewer, basements or confined areas.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb spillage to prevent material damage. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

### 6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

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

Store locked up. Store in a cool, dry place out of direct sunlight. Store in corrosive resistant container with a resistant inner liner. Store in tightly closed container. Keep only in the original container. Store away from incompatible materials (see Section 10 of the SDS).

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### UK. EH40 Workplace Exposure Limits (WELs)

| Components                          | Type | Value                  |
|-------------------------------------|------|------------------------|
| Aluminium sulphate (CAS 10043-01-3) | TWA  | 2 mg/m <sup>3</sup>    |
| Sulphuric acid (CAS 7664-93-9)      | TWA  | 0.05 mg/m <sup>3</sup> |

##### EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

| Components                     | Type | Value                  | Form  |
|--------------------------------|------|------------------------|-------|
| Sulphuric acid (CAS 7664-93-9) | TWA  | 0.05 mg/m <sup>3</sup> | Mist. |

### Biological limit values

No biological exposure limits noted for the ingredient(s).

|                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommended monitoring procedures</b>                                     | Follow standard monitoring procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Derived no effect levels (DNELs)</b>                                      | Not available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Predicted no effect concentrations (PNECs)</b>                            | Not available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>8.2. Exposure controls</b>                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Appropriate engineering controls</b>                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Individual protection measures, such as personal protective equipment</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>General information</b>                                                   | Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Eye/face protection</b>                                                   | Wear safety glasses with side shields (or goggles) and a face shield.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Skin protection</b>                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>- Hand protection</b>                                                     | Using the information provided in Section 2, seek the advice of the glove supplier as to the most suitable glove material. Avoid skin contact when mixing or handling the substance/preparation or a mixture by wearing impervious gloves and protective clothing appropriate to the risk of exposure.<br><br>Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact:<br><br>Material: Nitrile rubber, Thickness: $\geq 0.38$ mm, Breakthrough time: $> 480$ min<br>Material: Neoprene, Thickness: $> 0.65$ mm, Breakthrough time: $> 240$ min<br>Material: butyl-rubber, Thickness: $\geq 0.36$ mm, Breakthrough time: $> 480$ min<br><br>Avoid natural rubber gloves.<br><br>The protective gloves to be used must comply with the specifications of the EC directive 89/686/EEC and the resultant standard EN 374. This recommendation applies only to the product stated in the Safety Data Sheet and supplied by us as well as to the purpose specified by us. |
| <b>- Other</b>                                                               | Wear appropriate chemical resistant clothing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Respiratory protection</b>                                                | In case of insufficient ventilation, wear suitable respiratory equipment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Thermal hazards</b>                                                       | Wear appropriate thermal protective clothing, when necessary.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Hygiene measures</b>                                                      | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Environmental exposure controls</b>                                       | Environmental manager must be informed of all major releases.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

|                                                |                 |
|------------------------------------------------|-----------------|
| <b>Physical state</b>                          | Liquid.         |
| <b>Form</b>                                    | Liquid.         |
| <b>Colour</b>                                  | colourless      |
| <b>Odour</b>                                   | slight sulphur  |
| <b>Odour threshold</b>                         | Not available.  |
| <b>pH</b>                                      | 1               |
| <b>Melting point/freezing point</b>            | Not available.  |
| <b>Initial boiling point and boiling range</b> | 100 °C (212 °F) |
| <b>Flash point</b>                             | does not flash  |
| <b>Evaporation rate</b>                        | Not available.  |
| <b>Flammability (solid, gas)</b>               | Not applicable. |

#### Upper/lower flammability or explosive limits

|                                       |                |
|---------------------------------------|----------------|
| <b>Flammability limit - lower (%)</b> | Not available. |
|---------------------------------------|----------------|

|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| <b>Flammability limit - upper (%)</b>          | Not available.                                |
| <b>Vapour pressure</b>                         | 18 mm Hg                                      |
| <b>Vapour density</b>                          | 0.6                                           |
| <b>Relative density</b>                        | 1.3                                           |
| <b>Solubility(ies)</b>                         |                                               |
| <b>Solubility (water)</b>                      | Complete                                      |
| <b>Partition coefficient (n-octanol/water)</b> | Not available.                                |
| <b>Auto-ignition temperature</b>               | Not available.                                |
| <b>Decomposition temperature</b>               | Not available.                                |
| <b>Viscosity</b>                               | Not available.                                |
| <b>Explosive properties</b>                    | Not explosive.                                |
| <b>Oxidising properties</b>                    | Not oxidising.                                |
| <b>9.2. Other information</b>                  | No relevant additional information available. |

## SECTION 10: Stability and reactivity

|                                                 |                                                                                                                                                          |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10.1. Reactivity</b>                         | Reacts violently with strong alkaline substances. This product may react with reducing agents. May be corrosive to metals.                               |
| <b>10.2. Chemical stability</b>                 | Material is stable under normal conditions.                                                                                                              |
| <b>10.3. Possibility of hazardous reactions</b> | Hazardous polymerisation does not occur.                                                                                                                 |
| <b>10.4. Conditions to avoid</b>                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials. Do not mix with other chemicals. |
| <b>10.5. Incompatible materials</b>             | Bases. Metals.                                                                                                                                           |
| <b>10.6. Hazardous decomposition products</b>   | Carbon oxides. Sulphur oxides.                                                                                                                           |

## SECTION 11: Toxicological information

**General information** Occupational exposure to the substance or mixture may cause adverse effects.

### Information on likely routes of exposure

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes severe skin burns.                                                            |
| <b>Eye contact</b>  | Causes serious eye damage.                                                           |
| <b>Ingestion</b>    | May cause burns of the gastrointestinal tract if swallowed.                          |

**Symptoms** Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

### 11.1. Information on toxicological effects

**Acute toxicity** Not known.

| Components                          | Species | Test Results      |
|-------------------------------------|---------|-------------------|
| Aluminium sulphate (CAS 10043-01-3) |         |                   |
| <b>Acute</b>                        |         |                   |
| <b>Oral</b>                         |         |                   |
| LD50                                | Rat     | 1930 mg/kg        |
| Sulphuric acid (CAS 7664-93-9)      |         |                   |
| <b>Acute</b>                        |         |                   |
| <b>Inhalation</b>                   |         |                   |
| LC50                                | Rat     | 347 mg/l, 1 Hours |
| <b>Oral</b>                         |         |                   |
| LD50                                | Rat     | 2140 mg/kg        |

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation** Causes serious eye damage.

**Respiratory sensitisation** Based on available data, the classification criteria are not met.

**Skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Risk of cancer cannot be excluded with prolonged exposure. International Agency for Research on Cancer (IARC) has determined that occupational exposure to strong inorganic mists or vapours containing sulfuric acid is carcinogenic to humans.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Sulphuric acid (CAS 7664-93-9)

1 Carcinogenic to humans.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Mixture versus substance information** No information available.

**Other information** Not available.

**SECTION 12: Ecological information**

**12.1. Toxicity** Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard.

| Product | Species | Test Results |
|---------|---------|--------------|
|---------|---------|--------------|

KODAK Rapid Fixer

**Aquatic**

|           |      |         |                                  |
|-----------|------|---------|----------------------------------|
| Crustacea | EC50 | Daphnia | 63.7838 mg/l, 48 hours estimated |
| Fish      | LC50 | Fish    | 103.662 mg/l, 96 hours estimated |

**Components**

**Species**

**Test Results**

Aluminium sulphate (CAS 10043-01-3)

**Aquatic**

|           |      |                                               |                          |
|-----------|------|-----------------------------------------------|--------------------------|
| Crustacea | EC50 | Amphipod ( <i>Crangonyx pseudogracilis</i> )  | 11.8 - 14 mg/l, 48 hours |
| Fish      | LC50 | Fathead minnow ( <i>Pimephales promelas</i> ) | 3.4 - 5.6 mg/l, 96 hours |

Sulphuric acid (CAS 7664-93-9)

**Aquatic**

|      |      |                                                  |                   |
|------|------|--------------------------------------------------|-------------------|
| Fish | LC50 | Western mosquitofish ( <i>Gambusia affinis</i> ) | 42 mg/l, 96 hours |
|------|------|--------------------------------------------------|-------------------|

**12.2. Persistence and degradability** Not readily biodegradable.

**12.3. Bioaccumulative potential** No data available.

**Partition coefficient n-octanol/water (log Kow)** Not available.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Residual waste** This information is provided to assist users in the correct treatment and disposal of product, product packaging and working solutions prepared and used to Kodak Alaris specifications.

Waste product and waste working solution should both be consigned for disposal as hazardous waste with the European Waste Catalogue Code 20 01 17\* Photochemicals. Dispose of product and working solution in accordance with local/regional/national/international regulations.

**Contaminated packaging** If thoroughly cleaned, preferably by rinsing at least three times with water, waste product packaging may be consigned for recovery as non-hazardous waste with the European Waste Catalog 15 01 06 Mixed Packaging. Whenever possible, minimize waste by using rinsing water to make up the working solution.

All other waste product packaging contaminated by product should be consigned for disposal as hazardous waste with the European Waste Catalogue Code 15 01 10 Packaging containing residues of or contaminated by hazardous substances.

**EU waste code** Product and working solution: 20 01 17\* Photochemicals. Contaminated product packaging: 15 01 10 Packaging containing residues of or contaminated by hazardous substances. Thoroughly cleaned product packaging: 15 01 02 Plastic Packaging.

**Disposal methods/information** Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

### ADR

**14.1. UN number** UN3264  
**14.2. UN proper shipping name** Corrosive liquid, acidic, inorganic, n.o.s. (Sulphuric acid, Aluminium sulphate)  
**14.3. Transport hazard class(es)**  
Class 8  
Subsidiary risk -  
Label(s) 8  
Hazard No. (ADR) 80  
Tunnel restriction code E  
**14.4. Packing group** II  
**14.5. Environmental hazards** No.  
**14.6. Special precautions for user** Not available.

### IATA

**14.1. UN number** UN3264  
**14.2. UN proper shipping name** Corrosive liquid, acidic, inorganic, n.o.s. (Sulphuric acid, Aluminium sulphate)  
**14.3. Transport hazard class(es)**  
Class 8  
Subsidiary risk -  
**14.4. Packing group** II  
**14.5. Environmental hazards** No.  
**ERG Code** 8L  
**14.6. Special precautions for user** Not available.

#### Other information

**Passenger and cargo aircraft** Allowed with restrictions.  
**Cargo aircraft only** Allowed with restrictions.

### IMDG

**14.1. UN number** UN3264  
**14.2. UN proper shipping name** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Sulphuric acid, Aluminium sulphate)  
**14.3. Transport hazard class(es)**  
Class 8  
Subsidiary risk -  
**14.4. Packing group** II  
**14.5. Environmental hazards**  
Marine pollutant No.  
**EmS** F-A, S-B  
**14.6. Special precautions for user** Not available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

ADR; IATA; IMDG



## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**

Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**

Not listed.

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Not listed.

#### Other EU regulations

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Sulphuric acid (CAS 7664-93-9)

#### Other regulations

Pregnant women should not work with the product, if there is the least risk of exposure. The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

#### National regulations

Follow national regulation for work with chemical agents. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended.

Follow national regulation on the protection of workers from the risks of exposure to carcinogens and mutagens at work, in accordance with Directive 2004/37/EC.

#### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

#### List of abbreviations

Not available.

#### References

Not available.

#### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

#### Full text of any H-statements not written out in full under Sections 2 to 15

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

#### Revision information

Product and Company Identification: Synonyms

Regulatory Information: Other

#### Training information

Follow training instructions when handling this material.

#### Disclaimer

Sino Promise Group cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.