



杭州大阳化工有限公司  
HANGZHOU DAYANGCHEM CO., LTD

## Safety Data Sheet

**SDS Name:** Ammonium polysulfide solution

**Synonyms:**

**Company Identification:** Hangzhou Dayangchem Co., Ltd.

**For information, call:** 86-571-88938639

**For information, E-mail:** infores@chinadayangchem.com

**Emergency Number:** 86-571-88938639

**For CHEMTREC assistance, call:** 86-571-88938639; FAX:86-571-88938652

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**Classification of the substance or mixture**

**GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Skin Corrosion/irritation Category 1 B

Serious Eye Damage/Eye Irritation Category 1

Acute aquatic toxicity Category 1

**Label elements**

Pictogram



Signal word      Danger

**Hazard statement(s)**

H314 - Causes severe skin burns and eye damage

H400 - Very toxic to aquatic life

EUH031 - Contact with acids liberates toxic gas

**Precautionary statement(s)**

P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection

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 CENTER or doctor/ physician

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower

P273 - Avoid release to the environment

**Other hazards**-none

- F r p s r v l w r q 2 q i r u p d w l r q # r q # l q j u n g l h q w

CAS#	Chemical Name	%	EINECS#	Classification
9080-17-5	Ammonium polysulfide	22	232-989-1	Skin Corr. 1B (H314) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) (EUH031)
7732-18-5	Water	78	231-791-2	-

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**If swallowed**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**General Information:** Wear self-contained breathing apparatus for firefighting if necessary.

**Extinguishing Media:** CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

**General Information:** Use personal protective equipment. Avoid breathing vapours, mist or gas.

Ensure adequate ventilation. Evacuate personnel to safe areas.

For personal protection see section 8.

**Spills/Leaks:** Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Prevent

product from entering drains. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional ecological information. Avoid release to the

environment. Collect spillage.

**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

For precautions see section 2.2.

**Storage:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

### **Personal Protective Equipment**

#### **Eye/face protection**

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de,

test method: EN374

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

### **Body Protection**

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### **Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Physical State:** liquid

**Color:** brownish red

**Odor:** pungent

**pH:** Not available.

**Vapor Pressure:** Not available.

**Viscosity:** Not available.

**Boiling Point:** Not available

**Freezing/Melting Point:** Not available

**Autoignition Temperature:** Not available.

**Flash Point:** Not available

**Explosion Limits:Lower:** Not available.

**Explosion Limits Upper:** Not available.

**Decomposition Temperature:** Not available.

**Solubility in water:** Not available.

**Density:** 1.07g/cm<sup>3</sup>

**Chemical Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** Incompatible products. Excess heat. Exposure to air or moisture over prolonged periods.

**Incompatibilities with Other Materials:** Strong oxidizing agents. Acids.

**Hazardous Decomposition Products:** Sulfides. Sulfur oxides. Ammonia. Nitrogen oxides (NO<sub>x</sub>). Thermal decomposition can lead to release of irritating gases and vapors.

**RTECS#:** CAS# 9080-17-5: Not available.

**LD50/LC50:** Not available.

**Carcinogenicity:** Ammonium polysulfide solution - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

**Ecotoxicity effects** Very toxic to aquatic organisms. The product contains following substances which are hazardous for the environment.

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**Product**

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

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	<b>DOT (US)</b>	<b>IMDG</b>	<b>IATA</b>
<b>Shipping Name:</b>	AMMONIUM POLYSULPHIDE SOLUTION	AMMONIUM POLYSULPHIDE SOLUTION	AMMONIUM POLYSULPHIDE SOLUTION
<b>Hazard Class:</b>	8 (6.1)	8 (6.1)	8 (6.1)
<b>UN Number:</b>	2818	2818	2818
<b>Packing Group:</b>	II	II	II
<b>marine pollutant:</b> Not available.			
<b>other applicable information:</b> Not available.			

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This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006

**SDS Creation Date:** 23/09/2010

**Revision Date:** 03/05/2018

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.*