## **Safety Data Sheet**

According to Regulation (EC) No 1907/2006 Revision Date: 11/12/2020 Version: 1.0 Date Printed:

Date Printed: GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

SECTION 1: Identification of the substance/mixture and of the company/undertaking							
1.1	<b>Product identifiers</b> Product Name Product Number Product type REACH No.	:	Hea HR2 Liqu A re or it requ	ivy Ato 2-444 iid gistra s uses	om <sup>™</sup> Au tion number is not available for this substance as the substance s are exempted from registration, the annual tonnage does not registration or the registration is envisaged for a later registration		
1.2	Relevant identified uses of	the substance or mixture and uses advised against					
	Identified uses				rch use only. Not for drug, household, or other use.		
1.3	Details of the supplier of th	e S	Safety	/ Data	Sheet		
	Company : Hampton Research 34 Journey Aliso Viejo, CA 92656-3317 United States						
	Telephone	:	949	425	1321 chnical support is available 8:00 a.m. to 4:00 p.m. USA Pacific Standard Time.		
	Fax	:			1611 al Support is available 24 hours a day.		
	e-mail	: tech@hrmail.com e-mail Technical Support is available			a <b>il.com</b> ical Support is available 24 hours a day.		
1.4	Emergency telephone numl	sei	•				
	Emergency phone	:	949	425	1321		
	For CHEMTREC Assistance	:	800	424	9300		
	For <b>CHEMTREC</b> Assistance	:	703	527	3887 (International)		
SECT	ION 2: Hazards Identific	at	ion				
2.1	Classification of the substa	nc	e or		re EC) No 1272/2008 [EU-GHS/CLP]		

Classification according to EU Directives 67/548/EEC or 1999/45/EC see SECTION 16

#### Additional information:

see SECTION 16

HAMPTON

Relevant GHS pictogram(s), Hazard statement(s), and Precautionary statement(s) please see SECTION 16

## (CONTINUED) - SECTION 2: Hazards Identification

#### 2.2 Label elements

Hazard pictogram	:	Not applicable
Signal word	:	Not applicable
Hazard statement(s)	:	Not applicable
Precautionary statement(s)	:	Not applicable
Supplemental Hazard Statements	:	Not applicable

2.3 Other hazards

: none

## **SECTION 3:** Composition/information on ingredients

Not applicable

## **SECTION 4: First Aid Measures**

## 4.1 Description of first aid measures

#### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

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

#### In case of skin contact

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.

#### If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

# 4.3 Indication of any immediate medical attention and special treatment needed Notes to physician

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

#### Specific treatments

No specific treatment.

## **SECTION 5: Fire Fighting Measures**

#### 5.1 Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Unsuitable extinguishing media

None known

5.2 Special hazards arising from the substance or mixture No data available

#### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further Information

No data available

## **SECTION 6: Accidental Release Measures**

#### 6.1 Personal Precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

#### 6.2 Environmental precautions

Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For disposal see SECTION 8 and 13.

#### **SECTION 7: Handling and Storage**

#### 7.1 Personal Precautions

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. See Section 8 for additional information on hygiene measures. For precautions see section 16.

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

Store in cool place. 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.

#### 7.3 Specific end uses

A part from the uses mentioned in section 1.2 no other specific uses are stipulated.

## **SECTION 8: Exposure Controls/Personal Protection**

#### 8.1 Control parameters

#### Components with workplace control parameters

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### 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.

#### **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**

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### **Environmental Exposure Controls**

See SECTION 6

#### **SECTION 9: Physical and Chemical Properties**

No data available

### **SECTION 10: Stability and Reactivity**

10.1 Reactivity No data available

**10.2 Chemical stability** No data available

**10.3 Possibility of hazardous reactions** No data available

## (CONTINUED) - SECTION 10: Stability and Reactivity

- **10.4 Conditions to avoid** No data available
- **10.5** Incompatible materials No data available
- **10.6 Hazardous decomposition products** Other decomposition products - no data available

## **SECTION 11:** Toxicological Information

Refer to Section 16

## **SECTION 12: Ecological Information**

Refer to Section 16

## **SECTION 13: Disposal Considerations**

#### 13.1 Waste treatment methods

#### Product

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

### Contaminated packaging

Dispose of as unused product.

## **SECTION 14: Transportation Information**

14.1	UN number ADR/RID: 3316	IMDG: 3316	IATA: 3316
14.2	UN proper stipping nameADR/RID:CHEMICAL KITIMDG:CHEMICAL KITIATA:Chemical kit		
14.3	Transport hazard class(es) ADR/RID: -	IMDG: -	IATA: -
14.4	Packaging group ADR/RID: -	IMDG: -	IATA: -
14.5	Environmental hazards ADR/RID: No	IMDG Marine pollutant: No	IATA: No
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## (CONTINUED) - SECTION 14: Transportation Information

#### 14.6 Special precautions for user

No data available

## **SECTION 15: Regulatory Information**

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

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** No data available
- **15.2 Chemical Safety Assessment** No data available

## **SECTION 16: Other Information**

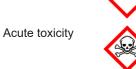
Kit Components						
Substance Name	[CAS]	GHS Pictogram	Hazard Statement	Precautionary Statement	WKG	
Gold(I) potassium cyanide	13967-50-5	GHS06, GHS09	H300 + H310 + H330 - H410	P262 - P273 - P280 - P301 + P310 + P330 - P302 + P352 + P310 - P304 + P340 + P310	3	
Potassium tetrachloroaurate(III) hydrate	27988-75-6	GHS05, GHS07				
Sodium tetrachloroaurate(III) dihydrate	13874-02-7	GHS07	H315 - H319 - H335	P302 + P352 - P305 + P351 + P338	3	
Gold(III) chloride	13453-07-1	GHS07	H315 - H319 - H335	P302 + P352 - P305 + P351 + P338	3	
Hydrogen tetrachloroaurate(III) trihydrate	1691-25-4	GHS05, GHS07	H314 - H317	P260 - P272 - P280 - P301 + P330 + P331 - P303 + P361 + P353 - P305 + P351 + P338	2	
Potassium tetrabromoaurate(III) dihydrate	14323-32-1				3	

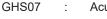
## Relevant GHS Pictogram(s), Hazard statement(s), and Precautionary statement(s)

#### **GHS Pictogram**



GHS06 :





1

GHS09

: Acute toxicity

Environment



## (CONTINUED) - SECTION 16: Other Information

#### Relevant GHS Pictogram(s), Hazard statement(s), and Precautionary statement(s)

#### Hazard statement(s)

H300 + H310 + H330 : Fatal if swallowed, in contact with skin or if inhaled.

- H314 : Causes severe skin burns and eye damage.
- H315 : Causes skin irritation.
- H317 : May cause an allergic skin reaction.
- H319 : Causes serious eye irritation.
- H335 : May cause respiratory irritation.
- H410 : Very toxic to aquatic life with long lasting effects.

#### Precautionary statement(s)

P260 : Do not breathe dust/fume/gas/mist/vapours/spray.				
P262 : Do not get in eyes, on skin, or on clothing.				
P272 : Contaminated work clothing should not be allowed out of the workplace.				
P280 : Wear protective gloves/protective clothing/eye protection/face protection.				
P301 + P310 + P330 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/p	/physician. Rinse mouth.			
P301 + P330 + P331 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/p vomiting.	/physician. Do not induce			
P302 + P352 + P310 : IF ON SKIN: Wash with plenty of soap and water. Immediately call doctor/physician.	II a POISON CENTER or			
P303 + P361 + P353 : IF ON SKIN (or hair): Remove/Take off immediately all contaminate water/shower.	ed clothing. Rinse skin with			
P304 + P340 + P310 : IF INHALED: Remove victim to fresh air and keep at rest in a positi Immediately call a POISON CENTER or doctor/physician.	tion comfortable for breathing.			
P305 + P351 + P338 + P310 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.				

#### DISCLAIMER

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#### WARRANTY

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