

## 1 Identification

- **Product identifier:** 528-10-105
- **Trade name:** **KEMPERTEC® 1K AQUA RI PRIMER**
- **Item number(s):** 528-10-105
- **SDS Number:** 566
- **Application of the substance / the mixture** PRIMER
- **Manufacturer/Supplier:**  
USA ADDRESS:  
KEMPER SYSTEM AMERICA, INC.  
1200 NORTH AMERICA DR,  
WEST SENECA, NY 14224  
PH (716) 558-2971
- **CANADIAN ADDRESS:**  
ASTARAS CANADA, INC.  
4-7075 EDWARDS BLVD  
MISSISSAUGA, ONTARIO, L5S 1Z2  
PH (905) 624-5463
- **Information department:**  
Tel: (716) 712-9931  
www.kempersystem.net
- **Emergency telephone number:**  
ChemTrec (800) 424-9300 / 1-(703)-741-5970  
Canada only: CANUTEC (Call collect) (613) 996-6666

## 2 Hazard identification

- **Classification of the substance or mixture:**



GHS08 Health hazard

Carcinogenicity - Category 1A

H350 May cause cancer.

Specific Target Organ Toxicity - Repeated Exposure H373 May cause damage to organs through prolonged or repeated exposure.

- Category 2

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Signal word:** Danger

- **Hazard-determining components of labeling:**

Quartz (SiO<sub>2</sub>)

- **Hazard statements:**

H350 May cause cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

- **Precautionary statements:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

P308+P313 IF exposed or concerned: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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# Safety Data Sheet

## according to HPR & OSHA

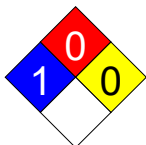
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- **Information pertaining to particular dangers for man and environment:**
- **NFPA ratings (scale 0 - 4):**



Health = 1  
Fire = 0  
Reactivity = 0

### 3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

14808-60-7	Quartz (SiO <sub>2</sub> )	0.1-1% w/w *
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\* Actual concentration ranges are withheld as a trade secret.

### 4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed:**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture:**  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**  
Wear protective clothing.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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### 7 Handling and storage

- **Handling**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

### 8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see section 7.

- **Components with limit values that require monitoring at the workplace:**

#### 14808-60-7 Quartz (SiO<sub>2</sub>)

EL (Canada)	TWA: 0.025 mg/m <sup>3</sup> ACGIH A2; IARC 1
EV (Canada)	TWA: 0.10* mg/m <sup>3</sup> *respirable fraction
PEL (USA)	TWA: 0.05* mg/m <sup>3</sup> *resp. dust; 30mg/m <sup>3</sup> /%SiO <sub>2</sub> +2
REL (USA)	TWA: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV (USA)	TWA: 0.025* mg/m <sup>3</sup> *respirable particulate matter, A2

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves:** Nitrile
- **Eye protection:** Goggles recommended during refilling.

### 9 Physical and chemical properties

- |                                     |                 |
|-------------------------------------|-----------------|
| · <b>Form:</b>                      | Liquid          |
| · <b>Color:</b>                     | Red             |
| · <b>Odor:</b>                      | Ammonia-like    |
| · <b>Odor threshold:</b>            | Not determined. |
| · <b>pH-value:</b>                  | Not determined. |
| · <b>Change in condition</b>        |                 |
| <b>Melting point/Melting range:</b> | Undetermined.   |
| <b>Boiling point/Boiling range:</b> | 100 °C          |

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· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Ignition temperature:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Vapor pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	1.12 g/cm <sup>3</sup>
· <b>Relative density:</b>	Not determined.
· <b>Vapor density:</b>	Not determined.
· <b>Evaporation rate:</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic:	Not determined.
· <b>Solvent content:</b>	
VOC content:	96 g/l
· <b>Other information</b>	No further relevant information available.

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity**
- **Specific symptoms in biological assay:** No further relevant information available.
- **Primary irritant effect**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

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· **Additional toxicological information:**

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

14808-60-7 Quartz (SiO<sub>2</sub>)

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· **NTP (National Toxicology Program)**

14808-60-7 Quartz (SiO<sub>2</sub>)

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## 12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Other adverse effects:** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:**  
Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- |                                        |                 |
|----------------------------------------|-----------------|
| · <b>UN-Number</b>                     |                 |
| · <b>DOT/TDG, ADR, IMDG, IATA</b>      | Not regulated   |
| · <b>UN proper shipping name</b>       |                 |
| · <b>DOT/TDG, ADR, IMDG, IATA</b>      | Not regulated   |
| · <b>Transport hazard class(es)</b>    |                 |
| · <b>DOT/TDG, ADR, ADN, IMDG, IATA</b> |                 |
| · <b>Class</b>                         | Not regulated   |
| · <b>Packing group</b>                 |                 |
| · <b>DOT/TDG, ADR, IMDG, IATA</b>      | Not regulated   |
| · <b>Environmental hazards:</b>        | Not applicable. |

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- |                                                                                   |                 |
|-----------------------------------------------------------------------------------|-----------------|
| <b>· Special precautions for user:</b>                                            | Not applicable. |
| <b>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b> | Not applicable. |
| <b>· UN "Model Regulation":</b>                                                   | Not regulated   |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

107-21-1 ethylene glycol

1336-21-6 ammonia

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed or exempted

- **Proposition 65**

- **Chemicals known to cause cancer:**

14808-60-7 Quartz (SiO<sub>2</sub>)

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

107-21-1 ethylene glycol

- **Canadian substance listings**

- **Canadian Domestic Substances List (DSL/NDSL):**

All ingredients are listed.

- **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 0.1%):**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%):**

None of the ingredients is listed.

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



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- **Signal word** Danger
- **Hazard-determining components of labeling:**  
Quartz (SiO<sub>2</sub>)
- **Hazard statements**  
H350 May cause cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

## 16 Other information

- **Department issuing SDS:** Product safety department
- **Contact:** Stephen Nowicki
- **Date of the latest revision of the safety data sheet** 01/03/2024
- **Abbreviations and acronyms:**  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
VOC: Volatile Organic Compounds (USA, EU)

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