

(6)


**SIGMA-ALDRICH**

## Material Safety Data Sheet

Date Printed: 02/01/2005  
 Date Updated: 04/07/2004  
 Version 1.40

### Section 1 - Product and Company Information

**Product Name** GENELUTE PCR CLEAN-UP KIT  
**Product Number** NA1020  
**Brand** Sigma Chemical

**Company** Sigma-Aldrich  
**Street Address** 3050 Spruce Street  
**City, State, Zip, Country** SAINT LOUIS, MO 63103 US  
**Technical Phone:** 314 771 5765  
**Fax:** 800 325 5052      **Emergency Phone:** 414 273 3850 Ext. 5996

### Section 2 - Composition/Information on Ingredient

<u>Substance Name</u>	<u>CAS #</u>	<u>SARA 313</u>	<u>EC no</u>	<u>Annex I Index Number</u>
BINDING SOLUTION	None	Yes		
<b>Ingredient Name</b> Information regarding the specific chemical identity of this material is being withheld as a trade secret of the manufacturer.	<b>CAS #</b>	<b>Percent</b>	<b>SARA 313</b>	

**Formula**  
**Synonyms**

### Section 3 - Hazards Identification

#### Emergency Overview

Flammable (USA) Highly Flammable (EU). Toxic (USA) Harmful (EU).  
 Harmful if swallowed. Irritating to eyes, respiratory system and skin. Vapors may cause drowsiness and dizziness.  
 Target organ(s): Nerves. Kidneys.

**HMIS Rating**  
 Health: 2\*      Flammability: 3      Reactivity: 0

**NFPA Rating**  
 Health: 2      Flammability: 3      Reactivity: 0

\*additional chronic hazards present.

For additional information on toxicity, please refer to Section 11.

### Section 4 - First Aid Measures

#### Oral Exposure

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Inhalation Exposure**  
 If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

**Dermal Exposure**  
 In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

**Eye Exposure**  
 In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

### Section 5 - Fire Fighting Measures

**Flammable Hazards:** Yes

#### Explosion Hazards

Vapor may travel considerable distance to source of ignition and flash back.  
 Container explosion can occur under fire conditions. In advanced or massive fires the area should be evacuated and the fire should be fought from a remote explosion-resistant location.

**Flash Point:** 53.6 °F      12 °C

**Autoignition Temp:** N/A      **Flammability:** Yes

#### Extinguishing Media

**Suitable**  
 Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

#### Firefighting

**Protective Equipment**  
 Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
**Specific Hazard(s)**  
 Flammable liquid. Emits toxic fumes under fire conditions.

### Section 6 - Accidental Release Measures

**Procedure to be Followed in Case of Leak or Spill**  
 Evacuate area. Shut off all sources of ignition.

**Procedure(s) of Personal Precaution(s)**  
 Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

**Methods for Cleaning Up**  
 Cover with dry-lime, sand, or soda ash. Place in covered containers using non-sparking tools and transport outdoors. Ventilate area and wash spill site after material pickup is complete.

### Section 7 - Handling and Storage

#### Handling

**User Exposure**  
 Do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.



## Section 14 - Transport Information

### DOT

Proper Shipping Name: Isopropanol [or] Isopropyl alcohol  
UN#: 1219  
Class: 3  
Packing Group: Packing Group II  
Hazard Label: Flammable liquid  
PIH: Not PIH

### IATA

Proper Shipping Name: Isopropanol solution  
IATA UN Number: 1219  
Hazard Class: 3  
Packing Group: II

## Section 15 - Regulatory Information

### EU Additional Classification

Symbol of Danger: F Xn  
Indication of Danger  
Highly Flammable, Harmful.

Risk Statements R: 11 22 36/37/38-67

Highly flammable. Harmful if swallowed. Irritating to eyes, respiratory system and skin. Vapors may cause drowsiness and dizziness.

Safety Statements S: 7 16 24/25 26 36

Keep container tightly closed. Keep away from sources of ignition - no smoking. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

### US Classification and Label Text

Indication of Danger  
Flammable (USA) Highly Flammable (EU). Toxic (USA) Harmful (EU).

Risk Statements  
Harmful if swallowed. Irritating to eyes, respiratory system and skin. Vapors may cause drowsiness and dizziness.

Safety Statements

Keep container tightly closed. Keep away from sources of ignition - no smoking. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

US Statements

Target organ(s): Nerves, Kidneys.

### United States Regulatory Information

SARA Listed: Yes

Notes: This product is or contains a component that is subject to SARA313 reporting requirements.

### Canada Regulatory Information

#### WHMIS Classification

This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

DSL: No

NDSL: No

## Section 16 - Other Information

### Disclaimer

For R&D use only. Not for drug, household or other uses.

### Warranty

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2005 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.

