

# SAFETY DATA SHEET

## Liquid PURT - Part B

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Identification

Product Name: Liquid PURT - Part B  
Product Number: C034-B  
CAS Number: Blend

#### Company Identification

Harris Research, Inc  
1530 North 1000 West  
Logan, UT 84321 USA  
1-435-755-0099 (For product information)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

HRI

### 2. HAZARDS IDENTIFICATION

#### **GHS Hazard Statements:**

H302 - Harmful if swallowed.  
H315 - Causes skin irritation.

#### **GHS Precautionary Statements:**

P102 - Keep out of reach of children.

#### **EYE:**

Contact may be irritating to eyes. Risk of serious injury increases if eyes are kept tightly closed.

#### **SKIN:**

Can cause moderate skin irritation.

#### **INHALATION:**

Mist may cause irritation to the respiratory tract.

#### **INGESTION:**

Large doses may be corrosive to the gastro-intestinal tract where symptoms may include severe abdominal pain, vomiting, diarrhea, collapse, and death.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### **COMPONENT LISTING:**

Chemical Name	Amount	CAS Number
WATER	75.0 - 89.0 %	7732-18-5
TETRASODIUM EDTA	< 1.0 %	64-02-8
POTASSIUM BICARBONATE	5.0 - 10.0 %	298-14-6
POTASSIUM CARBONATE	5.0 - 10.0 %	584-08-7



## 4. FIRST AID MEASURES

### **EYE CONTACT FIRST AID:**

Immediately flush eyes with plenty of water for at least 15 minutes.

Get immediate medical attention.

### **SKIN CONTACT FIRST AID:**

Wash affected area with water.

Remove contaminated clothing.

### **INHALATION FIRST AID:**

If inhaled, remove to fresh air.

If breathing is difficult, give oxygen.

Get medical attention if cough or other symptoms develop.

### **INGESTION FIRST AID:**

If swallowed, do NOT induce vomiting.

Give large quantities of water.

## 5. FIRE FIGHTING MEASURES

### **FLAMMABLE PROPERTIES**

COC Flash Point: N/A

Autoignition Temperature: N/A

### **FLAMMABLE LIMITS IN AIR**

LEL: N/A

UEL: N/A

### **FLAMMABLE PROPERTIES:**

Solution does not burn.

### **EXTINGUISHING MEDIA:**

Use media suitable for surrounding fire conditions.

### **FIRE & EXPLOSION HAZARDS:**

No known unusual hazards in a fire/explosion situation.

### **FIRE FIGHTING INSTRUCTIONS:**

Evacuate non-emergency personnel to a safe area.

## 6. ACCIDENTAL RELEASE MEASURES

### **SAFEGUARDS (PERSONNEL):**

Wear safety goggles.

Ventilate spill area.

### **INITIAL CONTAINMENT:**

Contain spilled material.



**LARGE SPILLS PROCEDURE:**

Contain spilled material.

Neutralize waste before flushing to sewer.

**SMALL SPILLS PROCEDURE:**

Floor may become slippery.

## 7. HANDLING AND STORAGE

**HANDLING (PERSONNEL):**

Avoid breathing mist.

Avoid contact with eyes, skin, and clothing.

Use with adequate ventilation.

**HANDLING (PHYSICAL ASPECTS):**

Keep out of reach of children.

**STORAGE PRECAUTIONS:**

Store in a tightly closed container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EYE / FACE PROTECTION REQUIREMENTS:**

Wear safety glasses.

**SKIN PROTECTION REQUIREMENTS:**

Wear protective gloves to minimize skin contamination.

**RESPIRATORY PROTECTION REQUIREMENTS:**

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

**EXPOSURE GUIDELINES:**

**TETRASODIUM EDTA**

OSHA PEL: 15 total dust mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
COLOR:	Colorless
ODOR:	None
SOLUBILITY IN WATER:	soluble
PH:	10 - 11

## 10. STABILITY AND REACTIVITY

**STABILITY:**

Stable.

**POLYMERIZATION:**



Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with acids.

**DECOMPOSITION:**

In the event of a fire, oxides of carbon and sodium oxide may be produced.

## 11. TOXICOLOGICAL INFORMATION

**TETRASODIUM EDTA**

Test Code: Oral LD50

Species: Rat

Results: > 2000 mg/kg

**Potassium bicarbonate**

Test Code: Dermal LD50

Species: Rabbit

Results: >2000 mg/kg

**POTASSIUM CARBONATE**

Test Code: Oral LD50

Species: Rat

Results: 2825 mg/kg

## 12. ECOLOGICAL INFORMATION

**Potassium bicarbonate**

Test Code: Acute LC50

Species: Rainbow trout

Results: 1300 mg/l

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:**

Neutralize with weak acid (e.g., vinegar) and flush to sewer. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## 14. TRANSPORT INFORMATION

PRODUCT LABEL: Liquid PURT - Part B  
D.O.T. SHIPPING NAME: Not regulated

**MISCELLANEOUS:**

IATA Shipping Classification: Not Regulated.

IMO/IMDG Shipping Classification: Not Regulated.

## 15. REGULATORY INFORMATION



**REGULATORY LISTS SEARCHED:**

01 = SARA TITLE III SECTION 302	02 = SARA Title III Section 313
03 = RCRA HAZARDOUS WASTE CODES	04 = CERCLA Hazardous Substances
05 = CLEAN AIR ACT	06 = California Prop. 65

**EEC Symbols and Indications of Danger:**

None

**R-Phrases:**

R36/37/38 - Irritating to eyes, respiratory system, and skin.

**S-Phrases:**

S24/25 - Avoid contact with skin and eyes.

**WHMIS Hazard Symbols:**

None

**Canadian Disclosure List**

POTASSIUM CARBONATE (584-08-7)

**MISCELLANEOUS INFORMATION:**

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

**16. OTHER INFORMATION**

REASON FOR ISSUE:	Update
PREPARED BY:	Sterling Nesbit
APPROVED BY:	Sterling Nesbit
TITLE:	Chemist
APPROVAL DATE:	May 30, 2015
SUPERCEDES DATE:	May 30, 2015
RTN NUMBER:	00000261 (Official Copy)

**HMIS Rating:**

Health - 1  
 Flammability - 0  
 Reactivity - 0

**NFPA Rating:**

Health - 1  
 Flammability - 0  
 Reactivity - 0

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