

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

Chem-Dry New Zealand LTD
108 Kelfield Place
Hastings, New Zealand
0800 24 36 37 Chem-Dry New Zealand LTD (For product information)

HRI

2. HAZARDS IDENTIFICATION

GHS Classification:

Acute Toxicity, Oral - Category 4
Skin Corrosion/Irritation - Category 2
Serious Eye Damage/Eye Irritation - Category 2/2A
Specific Target Organ - Single Exposure - Category 3

GHS Hazard Symbols:

Corrosive, Irritant



SIGNAL WORD:

Danger.

GHS Hazard Statements:

6.1 (H302) - Harmful if swallowed.
6.1 (H315) - Causes skin irritation.
6.4 (H319) - Causes serious eye irritation.
6.1 (H335) - May cause respiratory irritation.

GHS Precautionary Statements:

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands and contacted areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301/312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.



P302/352 - IF ON SKIN: Wash with plenty of soap and water.
P304/340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P330 - Rinse mouth.
P332/313 - If skin irritation occurs: Get medical advice/attention.
P337/313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P403/233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
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 immediately with large amounts of soap and 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. Rinse mouth with water. Call a physician or poison control center immediately.

Give large quantities of water.

5. FIRE FIGHTING MEASURES

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:

Absorb spills with inert material.

LARGE SPILLS PROCEDURE:

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Neutralize spill with a weak acid such as vinegar or acetic acid.

Neutralize waste before flushing to sewer.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE

Minimum: 4.4 C (39.9 F)

Maximum: 43.3 C (109.9 F)

HANDLING (PERSONNEL):

Avoid breathing mist.

Avoid contact with eyes, skin, and clothing.

Use with adequate ventilation.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area.

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:



Liquid PURT - Part B
RTN Number:
No Information Available.



9. PHYSICAL AND CHEMICAL PROPERTIES

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

FLAMMABLE PROPERTIES

COC Flash Point: N/A
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

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

Test Code: Oral LD50
Species: Rat
Results: 2825 mg/kg

Test Code: Oral LD50
Species: Rat
Results: 2825 mg/kg

Test Code: Inhalation LC50
Species: Rat
Results: >4.8 mg/l



12. ECOLOGICAL INFORMATION

Potassium bicarbonate

Test Code: Acute LC50
Species: Rainbow trout
Results: 1300 mg/l

Test Code: Acute LC50
Species: Bluegill
Results: 1500 mg/l

Test Code: EC50
Species: Daphnids
Results: 1200 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
03 = RCRA HAZARDOUS WASTE CODES
05 = CLEAN AIR ACT

02 = SARA Title III Section 313
04 = CERCLA Hazardous Substances
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.
S1/2 - Keep locked up and out of the reach of children.

WHMIS Hazard Symbols:



Canadian Disclosure List

POTASSIUM CARBONATE (584-08-7)



CERCLA Hazardous Substances

Liquid PURT - Part B (BLEND) -- n/a

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:	March 19, 2019
SUPERCEDES DATE:	March 18, 2019
RTN NUMBER:	00000261 (Official Copy)

HMIS Rating:

Health - 1
Flammability - 0
Reactivity - 0

NFPA Rating:

Health - 1
Flammability - 0
Reactivity - 0

