

SAFETY DATA SHEET

PURT III

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: PURT III
Product Number: C033

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:

Serious Eye Damage/Eye Irritation - Category 2
Specific Target Organ - Single Exposure - Category 3
Serious Eye Damage/Eye Irritation - Category 1
Acute Toxicity, Oral - Category 4

GHS Hazard Symbols:

Oxidizing, Corrosive, Irritant



SIGNAL WORD:

Danger.

GHS Hazard Statements:

H272 - May intensify fire; oxidizer.
H302 - Harmful if swallowed.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

GHS Precautionary Statements:

P220 - Keep/Store away from clothing/combustible materials.
P221 - Take any precaution to avoid mixing with combustibles.
P264 - Wash hands, forarms, and exposed areas thoroughly after handling.
P270 - Do no eat, drink or smoke when using this product.
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.
P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and



easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P330 - Rinse mouth.
P370/378 - In case of fire: Use water, water spray, fog, alcohol-resistant foam, carbon dioxide, dry chemical powder for extinction.
P501 - Dispose of contents/container to be within local, regional, national, and international regulations..
P102 - Keep out of reach of children.
P103 - Read label before use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
SODIUM PERCARBONATE	60.0 - 88.0 %	15630-89-4
ETHYLENEDIAMINETETRAACETIC ACID, TETRASODIUM SALT	2.0 - 10.0 %	64-02-8
SODIUM CARBONATE	10.0 - 30.0 %	497-19-8

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Flush eye with water for 15 minutes. Get immediate medical attention.

SKIN CONTACT FIRST AID:

Wash skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.

INHALATION FIRST AID:

If exposed to excessive levels of dust, remove to fresh air.

INGESTION FIRST AID:

Do not induce vomiting. Contact a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:

Use media suitable for surrounding fire conditions.

FIRE & EXPLOSION HAZARDS:

Contact with combustible materials may cause a fire.

COMBUSTION PRODUCTS:

This product decomposes to form hydrogen peroxide, carbon dioxide, and oxygen.

MISCELLANEOUS:

This product is an oxidizer, which can act to sustain the combustion of flammable materials.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Protect skin and eyes from exposure. If excessive dust is created, wear dust mask or respirator to keep exposure below the Permissible Exposure Level for particulate matter.



INITIAL CONTAINMENT:

Contain spilled material.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing dust. Avoid contact with eyes, skin, and clothing.

HANDLING (PHYSICAL ASPECTS):

Avoid extreme temperatures. Store in a cool dry area.

STORAGE PRECAUTIONS:

Do not store near combustible materials.

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:

Ethylenediaminetetraacetic acid, tetrasodium salt

OSHA PEL: 15 total dust mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Powder
COLOR:	White
ODOR:	Slight, sweet odor
SOLUBILITY IN WATER:	Slight
PH:	9.5-10.5 (2.5 % solution)

FLAMMABLE PROPERTIES

COC Flash Point: None TCC
Flash Point: None Autoignition
Temperature: None

FLAMMABLE LIMITS IN AIR

LEL: None
UEL: None

10. STABILITY AND REACTIVITY

STABILITY:

Stable when dry.

POLYMERIZATION:



Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

This material is incompatible with organic materials, heavy metals, oils and greases. Contamination with moisture, acids, reducing agents and metallic ions may cause decomposition.

DECOMPOSITION:

Decomposition may produce hydrogen peroxide, oxides of carbon and oxygen.

CONDITIONS TO AVOID:

Avoid moisture, high temperatures, and exposure to incompatible materials.

11. TOXICOLOGICAL INFORMATION

Sodium percarbonate

Test Code: Oral LD50
Species: Rat
Results: 2400 mg/Kg

Ethylenediaminetetraacetic acid, tetrasodium salt

Test Code: Oral LD50
Species: Rat
Results: > 2000 mg/kg

SODIUM CARBONATE

Test Code: Oral LD50
Species: Rat
Results: 4090 mg/Kg

12. ECOLOGICAL INFORMATION

Ethylenediaminetetraacetic acid, tetrasodium salt

Test Code: EC50
Species: Daphnia magna
Results: 1033 mg/L (24h)

SODIUM CARBONATE

Test Code: LC50 96HR
Species: Daphnia Magna
Results: 265-565 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



PURT III
RTN Number:

PRODUCT LABEL:
D.O.T. SHIPPING NAME:
D.O.T. HAZARD CLASS:

PURT III
Consumer commodity
ORM-D



ID NUMBER: ID8000
D.O.T. LABEL: Consumer Commodity/ ORM-D

MISCELLANEOUS:

IATA Shipping Classification: UN3378, Sodium Carbonate Peroxyhydrate, Oxidizer 5.1, Packaging Group III.

IMO/IMDG Shipping Classification: UN3378, Sodium Carbonate Peroxyhydrate, Oxidizer 5.1, Packaging Group III.

Limited quantity exception for inner packagings not exceeding 25 KG of product.

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:

R8 - Contact with combustible material may cause fire.

R22 - Harmful if swallowed.

R41 - Risk of serious damage to eyes.

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

R53 - May cause long-term adverse effects in the aquatic environment.

S-Phrases:

S22 - Do not breathe dust.

S24/25 - Avoid contact with skin and eyes.

S1/2 - Keep locked up and out of the reach of children.

S15.1 - Keep away from heat and flame.

S37/39 - Wear suitable gloves and eye/face protection.

S8 - Keep container dry.

WHMIS Hazard Symbols:

None

Canadian Disclosure List

SODIUM CARBONATE (497-19-8)

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

PREPARED BY: Sterling Nesbit
APPROVED BY: Sterling Nesbit
TITLE: Chemist
APPROVAL DATE: March 15, 2019
SUPERCEDES DATE: March 11, 2019
RTN NUMBER: 00000325 (Official Copy)

NFPA Rating:

Health -



Flammability -
Reactivity -
Special Hazard - Oxidizer

