



ULTRA-PAK, INC.

Safety Data Sheet

DRY DISH DETERGENT

SECTION 1: Identification of the substance/mixture

Product Identifier

Product Number: **CCAD200 and CCUL200**

Product Name: **Crystal Clean Automatic Dishwasher Detergent**

CAS: 497-19-8

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use: Dry dish detergent for consumer dishwashers.

Details of the supplier of the safety data sheet

Company name: Ultra-Pak, Inc.

Full address: 108 Pennsylvania Ave, Greer, SC 29650

Telephone number: (864) 655-3300

E-mail address: info@ultrapakinc.com

Emergency telephone number

Chemical Information (8:30am-5pm (ET) M-F): (864) 655-3300

Emergency telephone number: INFOTRAC #107367 1-800-535-5053

SECTION 2: Hazards identification

Classification of the substance or mixture

According to Regulation (HCS) (29 CFR 1910.1200(g))

GHS Classification: SKIN CORROSION/IRRITATION – Category 3

Label elements:

According to Regulation (HCS) (29 CFR 1910.1200(g))

Signal Word: Warning

Symbol: None

Hazard Statements: Causes mild skin irritation – H316

Precautionary Statements

Prevention: P264 - Wash hands thoroughly after handling.

Response: P332+P313 – If skin irritation occurs: Get medical advice/attention.

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SECTION 3: Composition/information on ingredients

Component Name	CAS number	Component %	OSHA PEL	ACGIH TLV
Sodium Carbonate	497-19-8	<35	10 mg/m ³ (Total Dust)	5 mg/m ³ (Restorable Dust)

* The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

SECTION 4: First Aid Measures

Description of first aid measures

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Skin contact: Wash exposed area with water and a mild soap. Remove contaminated clothing immediately and launder before reuse. If irritation persists, seek immediate medical attention.

Inhalation: Supply fresh air. Consult a doctor in case of complaints.

Ingestion: Rinse mouth and drink plenty of water. Do NOT induce vomiting unless directed to do so by a qualified medical personnel. If any discomfort persists, obtain medical attention.

Notes to physician: Treat symptomatically.

Indication of any immediate medical attention and specific treatment needed: When contacting a physician, take this SDS with you. Ensure medical personnel are aware of the material involved.

SECTION 5: Fire-fighting Measures

Suitable fire extinguishing media: Use water, fog, CO², dry chemical or foam.

Specific hazards arising from the chemical: Not determined.

Advice for Fire-Fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operate in positive pressure mode.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Initiate company's spill response procedures immediately. Keep people and powered industrial vehicles out of the area. Don appropriate personal protective equipment (PPE; See Section 8). Do not walk through spilled material.

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For emergency responders: Wear appropriate PPE: chemically protective gloves, clothing and full-face, air purifying respirator.

Environmental: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways. Avoid discharge to drains.

Methods for clean-up: Collect in a clean, dry waste container for disposal. Dispose of in accordance with federal, state and local regulations. Rinse area with plenty of water.

SECTION 7: Handling and storage

Precautions for safe handling

Wash thoroughly after handling. Use personal protection recommended in Section 8. Avoid breathing dust or fume. Use only in well ventilated areas. Avoid contact with eyes and skin. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage: Keep out of reach of children. Keep container tightly closed. Store locked up in a cool, dry, well ventilated place.

Incompatible Material: None known.

Specific end use(s): Detergent for consumer dishwashers.

SECTION 8: Exposure controls/personal protection

Control parameters

Component Name	CAS number	Component %	OSHA PEL	ACGIH TLV
Sodium Carbonate	497-19-8	<35	10 mg/m ³ (Total Dust)	5 mg/m ³ (Restorable Dust)

Exposure Guidelines: This product as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Apply technical measures to comply with occupational exposure limits.

Individual protection measures such as personal protection equipment

Eye / face protection: Safety glasses should be worn when splashing may occur..

Skin and body protection: Wash hands and any exposed skin thoroughly after handling.

Respiratory protection: Under normal conditions, a respirator is not normally required.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice.

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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical State:	Granular white powder with blue specs.
Odor:	Slight Chlorine
pH @ 25°C:	Not Determined
Melting/Freezing Point:	Not Applicable
Boiling Point:	Not Applicable
Flash Point:	Not Applicable
Specific Gravity	Not Applicable
Solubility:	Completely
Auto-ignition temperature:	Not Determined
VOC Content	0.0
Odor Threshold:	Not Available
Boiling Range:	Not Determined
Evaporation Point:	Not Determined
Flammable Limits – Upper	Not Available
Flammable Limits – Lower:	Not Available
Vapor Pressure:	Not Available
Vapor Density (Air=1):	Not Available
Viscosity:	Not Available

SECTION 10: Stability and reactivity

Reactivity: Not reactive under normal conditions.

Stability: The product is stable.

Conditions to avoid: Avoid raising dust. Keep away from naked flames/heat. Keep of reach of children.

Materials to avoid: Avoid contact with strong oxidizing agents.

Hazardous polymerization: Will not occur.

Polymerization conditions to avoid: None.

SECTION 11: Toxicological information

Route(s) of exposure: Skin contact, Eye contact, Inhalation, Ingestion.

Product information

Eye contact: This material can cause eye irritation.

Skin contact: Contact may cause mild skin irritation, including redness, burning and drying/cracking of the skin.

Inhalation: Do not inhale.

Ingestion: May be harmful if swallowed.

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Toxicity:

<i>Toxicological Data</i>			
Component Name	CAS Number	LD50	LC50
Sodium Carbonate	497-19-8	Oral - Rat - 4,090 mg/kg	Inhalation - Rat - 2 h – 5,750 mg/l

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION 12: Ecological information

Ecotoxicity: Information not available.

Degradability: Information not available.

Bioaccumulation: Information not available.

Mobility: Information not available.

SECTION 13: Disposal considerations

Disposal methods: Dispose of waste and residues in accordance with local, state and federal requirements. Consult disposal expert. Can be disposed of by controlled incineration. May be reacted with component "B" and disposed of as trash. Excessive quantities should not be permitted to enter drains, sewers or water courses. Empty containers should be dried before disposing.

SECTION 14: Transport information

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

DOT Classification Not regulated.

IMO/IMDG

IMO/IMDG Classification Not regulated.

IATA

IATA Classification Not regulated.

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SECTION 15: Regulatory information

U.S. Federal regulations

TSCA Status: The components of this product are listed on the TSCA Inventory.

SARA Title III Section 302/304 extremely hazardous substances:

No chemicals in this material are subject to the reporting requirements

SARA Title III Section 311/312 Hazard Categorization:

Acute	Chronic	Fire	Pressure	Reactive
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Sara Title III Section 313 Supplier Information:

No chemicals in this material are subject to the reporting requirements

CERCLA Section 102(a) Hazardous Substance:

No chemicals in this material are subject to the reporting requirements

SECTION 16: Other information

Disclaimer

The information on this data sheet reflects the currently available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product, including the use of the product in combination with any other product or any other process, is the responsibility of the user. It is implicit that the user is responsible for determining appropriate safety measures and for applying the legislation covering his/her own activities.