

Safety Data Sheet
Fryer Puck

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Fryer Puck
PRODUCT CODE: 401305
RECOMMENDED USE: Fryer Cleaner
RESTRICTIONS ON USE: None known.
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: P.O. Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Skin Corrosive: Category 1A

Eye Damage: Category 1

Specific Target Organ Toxicity (Single Exposure): Category 3

HAZARD STATEMENT(S): DANGER: Causes severe skin burns and serious eye damage. May cause respiratory irritation.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS: Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Use only outdoors or in a well-ventilated area. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents and container in accordance with local, state and federal regulations.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Sodium hydroxide	1310-73-2	30-60%
Sodium carbonate	497-19-8	25-60%
Sodium metasilicate	6834-92-0	5-10%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

INGESTION: Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Seek immediate medical attention.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Immediately wash with water then wash with vinegar. Remove contaminated clothing and shoes immediately. Neutralize caustic with vinegar. Seek medical attention if irritation persists.

ACUTE HEALTH HAZARDS: Corrosive. Contact with skin may cause severe irritation and burns. Causes serious damage to eyes. If ingested, may cause burns in the mouth and throat, burning sensation in the throat and chest and may cause nausea and vomiting. Ingestion may cause digestive tract burns. Inhalation may cause severe irritation to the nose, throat and respiratory tract.

CHRONIC HEALTH HAZARDS: Chronic exposure to corrosive fumes or gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia possible. May cause gastrointestinal disturbances. Skin disorders, drying and irritation of the skin. Possible risk of irreversible effects with chronic exposure.

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NOTE TO PHYSICIAN: Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum and high pulse pressure. Treat symptomatically.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS COMBUSTION PRODUCTS: None known.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth. Rinse contacted surfaces thoroughly. Neutralize waste before disposal.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations.

RCRA STATUS: Unneutralized material is a RCRA hazardous waste. It exhibits the corrosive characteristics as defined in 40 CFR 261.22(a)(1).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Do not get in eyes. Do not get on the skin. Do not breathe mist. Do not take internally. Do not store with acids. Keep container tightly closed. Do not use or store with strong oxidizers. Store locked up. Store in a cool, dry area. Store only in original container. Store away from food and pet food. Wash contaminated clothing and shoes thoroughly before reuse. Wash hands thoroughly after handling.

OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong acids and bases, oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Sodium hydroxide	2 mg/m ³	2 mg/m ³
Sodium carbonate	Not Established	Not Established
Sodium metasilicate	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: Use only in well-ventilated areas.

RESPIRATORY PROTECTION: Not required with normal use. If vapors are present or irritation is experienced, use NIOSH/MSHA approved respirator.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles, chemical resistant gloves and synthetic apron.

ADDITIONAL MEASURES: Avoid contact with skin, eyes or clothing. Avoid breathing vapors. If clothing becomes contaminated, immediately remove and wash. Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White tablet.

ODOR: Odorless.

ODOR THRESHOLD: N/D

pH: N/A (solid).

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: N/D

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FLAMMABILITY(solid/gas): Not considered a flammable solid by OSHA (29CFR 1910.1200).

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

EXPLOSIVE LIMIT LOWER (%): N/D

EXPLOSIVE LIMIT UPPER (%): N/D

VAPOR PRESSURE (mm Hg): N/D

VAPOR DENSITY (AIR=1): N/A

RELATIVE DENSITY (H₂O=1): N/D

SOLUBILITY(IES): 100% water.

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

AUTOIGNITION TEMPERATURE: N/D

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/A (solid).

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: Chemically active metals and acids.

CHEMICAL STABILITY: Stable.

POSSIBLE HAZARDOUS REACTIONS: None known.

CONDITIONS TO AVOID: Extremes of hot and cold. Exposure to air or moisture for prolonged periods.

INCOMPATIBLE MATERIALS: Strong acids and bases, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Sodium hydroxide** (1310-73-2): LD₅₀ (Oral, Rabbit) 400 mg/kg. **Sodium carbonate** (497-19-8): LD₅₀ (Oral, Rat) 4090 mg/kg; LC₅₀ (Inhalation, Rat, 2h) 2300 mg/m³. **Sodium metasilicate** (6834-92-0): LD₅₀ (Oral, Rat) 600 mg/kg.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin

EYES: Corrosive! May cause damage to the eyes, severe burns, permanent eye damage.

INGESTION: Not a likely route of exposure under normal product handling conditions. Causes acute irritation and burns to the mucus membranes of the mouth, trachea, esophagus and stomach.

INHALATION: Dust is irritating to the entire respiratory tract and can cause burns.

SKIN: Corrosive. Causes severe irritation and may cause chemical burns.

MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS: Corrosive. Contact with skin may cause severe irritation and burns. Causes serious damage to eyes.

If ingested, may cause burns in the mouth and throat, burning sensation in the throat and chest and may cause nausea and vomiting.

Ingestion may cause digestive tract burns. Inhalation may cause severe irritation to the nose, throat and respiratory tract.

CHRONIC HEALTH HAZARDS: Chronic exposure to corrosive fumes or gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia possible. May cause gastrointestinal disturbances. Skin disorders, drying and irritation of the skin. Possible risk of irreversible effects with chronic exposure.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: **Sodium hydroxide** (1310-73-2): LC₅₀ (Bluegill sunfish, 48h) 99 mg/L; LC₅₀ (*Gambusia affinis*, 96h) 125 mg/L; LC₅₀ (Brown shrimp, 48h) 30 - 100 mg/L; LC₅₀ (Brook trout, 24h) 25 ppm; EC₅₀ (*Ceriodaphnia dubia*, 48h) 34.59 - 47.13 mg/L.

Sodium metasilicate (6834-92-0): LC₅₀ (*Gambusia affinis*) 530 mg/L; LC₅₀ (Water flea, 48h) 113 mg/L.

PERSISTENCE AND DEGRADABILITY: No additional information available.

BIOACCUMULATIVE POTENTIAL: No additional information available.

MOBILITY IN SOIL: This product is mobile in soil.

OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations.

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RCRA STATUS: Unneutralized material is a RCRA hazardous waste. It exhibits the corrosive characteristics as defined in 40 CFR 261.22(a)(1).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: For inner packagings not over 1.0 kg (2.2 pounds), net capacity each for solids: Cleaning compound, n.o.s., Ltd. Qty. For inner and other packagings over 1.0 kg (2.2 pounds) each for solids: Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide, disodium trioxosilicate).

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN3262

PACKING GROUP: II

AIR SHIPMENT

PROPER SHIPPING NAME: Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide, disodium trioxosilicate).

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN3262

PACKING GROUP: II

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Corrosive solid, basic, inorganic, n.o.s. (Sodium hydroxide, disodium trioxosilicate).

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN3262

PACKING GROUP: II

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): **Sodium hydroxide** (1310-73-2)
Reportable Quantity = 1,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Skin corrosion or irritation. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure).

SARA 313 REPORTABLE INGREDIENTS: This product does not contain any chemicals which are subject to the reporting requirements at Title 40 of the Code of Federal Regulations, Part 372.

CLEAN WATER ACT: **Sodium hydroxide** (1310-73-2) is a hazardous substance.

STATE REGULATIONS: California Proposition 65: This product does not contain chemicals regulated by California Proposition 65. **Sodium hydroxide** (1310-73-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, MA, PA, RI.

INTERNATIONAL REGULATIONS: Listed or exempt from listing/notification on the following chemical inventories: Domestic Substances List (DSL, Canada).

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH: 3

HMIS HEALTH: 3

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 1

HMIS REACTIVITY: 1

NFPA OTHER: None

HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Roberto Cerón

DATE PREPARED: 02/08/2023

REVISION DATE: N/A

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein,

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we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.