

SECTION 1 - IDENTIFICATION

Product identifier/Trade name: CHANDLER SOLID PRE-SOAK Cutlery Pre-soak Capsule

Other means of identification: CL004186

Recommended use: Cutlery Pre-soak Capsule

Restriction on use: For industrial, institutional and food plant use only.

Initial supplier identifier: CHANDLER
225, Thorne Ave
St John, NB, Canada E2L 4L9
Phone: 1(800) 363-9611

Emergency phone number: (613) 996-6666 (CANUTEC)

SECTION 2 - HAZARDS IDENTIFICATION

2a GHS (Globally Harmonized System) classification

This product is classified as:

Causes serious eye damage – category 1
Skin Corrosion/Irritation — category 1C
May cause respiratory irritation

2b Label elements

Pictogram



Signal Word: Danger, Corrosive

Hazard statements

Causes Severe skin burns and eye damage.
May cause respiratory irritation

Precautionary statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash hands thoroughly after handling. Wear rubber gloves, protective clothing, eye or face protection.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. 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. Immediately call a POISON CENTER or doctor.

IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (weight)	GHS CLASSIFICATION
Trisodium Phosphate dodecahydrate	10101-89-0	10-30	Skin Corrosion/Irritation Category, 1A Eye damage/Irritation Category, 1
Sodium Tripolyphosphate	7758-29-4	20-40	Eye damage/irritation, Category 2 Skin corrosion/irritation, category 2
Methyl Benzotriazole	29385-43-1	0,1-1	Acute oral toxicity, Category 4 Skin corrosion/irritation, Category 2 Eye damage/eye irritation, category 2
Ethoxylate Alcohol	68131-39-5	3-10	Acute oral toxicity, Category 4 Serious eye damage/eye irritation, Category 1

The actual concentrations are withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

4a Description of first aid measures

Eye contact:

Immediately flush eyes with plenty of water and remove any contact lenses if present and easy to do. Continue to rinse for at least 15 minutes. If irritation persists, call a POISON CENTER or doctor.

Skin contact:

Rinse immediately contaminated skin for at least 15 minutes or more if necessary. Wash clothing before reuse. Consult a doctor if skin redness and irritation persist.

Inhalation:

Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

Ingestion:

Wash out mouth with water. Do not induce vomiting. Immediately call a POISON CENTER or doctor.

4b Most important symptoms and effects

The most important known symptoms and effects are described in the labelling (section 2b) and/or in section 11.

4c Immediate medical attention and special treatment needed

No data available.

SECTION 5 - FIRE FIGHTING MEASURES

5a Extinguishing media

Suitable extinguishing media:

Water, foam, dry chemicals, carbon dioxide. Product itself is not flammable.

Unsuitable extinguishing media:

None known.

Specific hazards for product

Hazardous combustion products:

Oxides of carbon, nitrogen, phosphorus.

Special protective equipment and precautions for firefighters

Special fire-fighting procedures/equipment:

During a fire, irritating smoke and fumes may be generated. A self-contained breathing apparatus is required for fire-fighting personnel to protect themselves from irritating products produced during the combustion. Move containers from fire area if it can be done without risk.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6a Personal precautions, protective equipment, and emergency procedures

Personal protection:

Avoid contact with eyes and skin. Use adequate aeration and ventilation. Floor will be slippery in case of a spill. Use appropriate personal protection equipment (see section 8)

6b Methods and materials for containment and cleaning:

Stop the leak. For large spills, pump the product into drums or clean up spills using absorbent material. Resume cleaning by rinsing with water. Caution: floors will be slippery.

6c Environmental precautions:

Product is not readily biodegradable and is corrosive. Do not let go to the sewers.

SECTION 7 - HANDLING AND STORAGE

7a Precautions for Safe handling:

Avoid contact with eyes and skin. Wear rubber gloves, protective clothing and eye or face protection.

7b Condition for safe storage:

Keep in a tightly sealed container in a well-ventilated room. Do not store on surfaces that may come into contact food products.

7c Special packaging materials: Store in its original container made of polyethylene.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

8a Control parameters

	Ontario Time-weighted Average Limit (TWA)	Ontario Short-Term Exposure Limit (STEL)	Notations

8b Engineering controls:

Provide adequate ventilation.

8c Individual protection measures

Respiratory Protection:

Not required under normal applications.

Respirator NIOSH/MSHA approved if large spill and lack of ventilation or if formation of mists.

Skin protection and other protective equipment:

Plastic or rubber gloves recommended. Protective clothing. Waterproof boots in case of spills.

Eye / face protection:

Eye protection or face protection.

General hygiene considerations:

KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes and skin. Never eat, drink, or smoke in work areas. Good hygiene is recommended after use of this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical state	White powder
Colour	White
Odour	Odorless
Melting point and freezing point	ND
Boiling point:	ND
Flammability	N/A
Lower and upper flammability limit	N/A
Flash point	ND
Auto-ignition temperature	N/A
Decomposition temperature	N/A
pH	11,0-12,0 (1% water)
Viscosity:	N/A
Solubility in water:	Very miscible
Partition coefficient – n-octanol/water	N/A
Vapour pressure (mm Hg)	ND
Specific gravity or density (water = 1 at 4 °C):	ND
Relative vapour density	ND
Particle characteristics	N/A

SECTION 10 - STABILITY AND REACTIVITY
--

10a Reactivity:

Not applicable when used as directed. It is incompatible with some materials, see below.

10b Chemical stability:

Stable at room temperature, in normal handling and storage conditions.

10c Possibility of hazardous reactions:

May react with strong acids, strong oxidizing agents.

10d Conditions to avoid:

Avoid contact with strong acids, strong oxidizers.

10e Incompatible materials

Strong acids, strong oxidizers.

10f Hazardous decomposition products:

Water vapors, carbon oxides, phosphorus

SECTION 11 - TOXICOLOGICAL INFORMATION

Primary entry route(s): Eye and ingestion.

Eye: Extremely corrosive product. May cause burns, irritation, redness, tears, burning sensation.

Skin: May cause severe irritation and burns on skin, necrosis of cutaneous tissues.

Inhalation: Corrosive product. Breathing high concentrations may cause headache, nausea, vomiting, dizziness and burns of respiratory tract.

Ingestion: Corrosive product. Violent pain in throat, mouth, gut, oesophagus and/or stomach perforation.

Carcinogenicity: No ingredient is suspected carcinogen.

Teratogenicity, mutagenicity, other reproductive effects: No applicable information found.

Skin sensitization: Ingredients not sensitizing

Respiratory tract sensitization: Not available

Synergistic materials: Not available

Other important hazards: Not available

Toxicological data: The calculated LD₅₀ for this product is greater than 6,000 mg/Kg, oral, rat; our products are not tested on animals. However, for corrosive materials, the estimated toxicity is not relevant.

Ingredient	LD ₅₀ (route, species)	LC ₅₀ # hours (species)
Sodium Tripolyphosphate	3900 mg/kg (oral, rat)	Not available
Trisodium Phosphate dodecahydrate	7400mg/kg (oral rat)	Not available
Ethoxylate Alcohol	1378mg/kg (oral, rat)	Not available

For more details, refer to Section 3.

SECTION 12 - ECOLOGICAL INFORMATION

12b Persistence and degradability: Product is readily biodegradable.

12c Bioaccumulation potential: Not available

12d Mobility in soil: There is no test data on this product.

12e Other adverse effect No applicable information found

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSE OF MATERIAL ACCORDING TO REGIONAL, PROVINCIAL AND FEDERAL REGULATIONS.

SECTION 14 - TRANSPORTATION INFORMATION

Transportation of Dangerous

Goods:

UN number NOT REGULATED

Proper shipping name:

Class:

Packing group:

Special case:

SECTION 15 - REGULATORY INFORMATION

In Canada

WHMIS information:

Product is regulated according to the *Hazardous Products Regulations* (HPR) in Canada. This product has been classified in accordance with the hazard criteria of the HPR and this MSDS contains all the information required by the HPR.

WHMIS Classification:

See section 2a.

CEPA information:

Ingredients are listed on the DSL inventory.

SECTION 16 - OTHER INFORMATION

Date of latest revision: 2023-06-22

References:

1. Manufacturer'/suppliers' MSDS.

Safety Data Sheet: CHANDLER SOLID PRE-SOAK Cutlery Pre-soak Capsule

2. Occupational Exposure Limits for Ontario Workplaces required under Regulation 833
3. International Agency for Research on Cancer Monographs
4. The European Chemicals Agency (ECHA) website.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
Cps	Centipoises
DSL	Domestic Substance List
HMIS	Hazardous Material Information System
IARC	International Agency for Research on Cancer
LC	Lethal concentration
LD	Lethal Dosage
N/Av	Not available
N/Ap	Not Applicable
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
WHMIS	Workplace Hazardous Materials Information System
	End of the MSDS