SAFETY DATA SHEET

ACCORDING TO GHS

SECTION 1: IDENTIFICATION

Product identifier used on the label - Star Presoak Powder

Recommended use of the chemical - Cleaning and Bleaching

Details of the supplier of the Safety Data Sheet

Manufacturer: **Sensibly Clean Inc.**
5040 Maingate Drive
Units 10 & 11
Mississauga, ON
L4W 1X5

Supplier: **Chemsyn**
485 Millway Avenue, Unit 2
Concord, ON L4K 3V4 Canada
T: 1-833-888-CHEM (2436)
Chemsyn.com

Emergency Telephone Number: 1-833-888-2436, Mon to Fri, 9:00 a.m. to 5:00 p.m.

SECTION 2: HAZARDS IDENTIFICATION



HAZARD CLASSIFICATION	Acute Toxicity (Dermal)-Category 4. Oxidizing Solids-Category 2. Eye Damage - Category **1.** Hazard Classification
SIGNAL WORD	DANGER
HAZARD STATEMENT	H302 armful if swallowed. H272 may intensify fire: Oxidizer. H318 Causes Serious Eye Damage
PRINCIPLE HAZAR DS	P21O Keep away from Heat/Sparks/Open flames/Hot surfaces - no smoking. P280 Wear protective gloves/protective clothing/eye protection/face protection. P221 Take any precaution to avoid mixing with combustibles ... P305+P351+P338 If in eyes, rinse cautiously with water for several minutes. R emove contact lenses, if present and easy to do. Continue Rinsing. P501 Dispose of contents/container in accordance with local regulatory requirements. P310 Immediately call a poison centre or Doctor/ Physician.
OTHER HAZARDS	Not Assessed

SECTION 3: COMPOSITION / INFORMATION INGREDIENTS

Chemical Description: Chemical Blend

Ingredients	Weight%	CAS No.
Sodium Percarbonate	88	15630-89-4
Sodium Carbonate	9	497-19-812
Sodium Chloride	3	

NOTE: Rest of the unspecified ingredients not hazardous

SECTION 4: FIRST AID MEASURES

Description of first aid measures: General Advice: Remove contaminated clothing

Inhalation:	Remove patient from exposure, keep warm and at rest. If breathing is laboured, oxygen should be administered by qualified personnel.
Skin Contact:	Remove contaminated clothing immediately and drench affected skin with plenty of water, then wash with soap and water. If symptoms persist, obtain medical attention. Contaminated clothing should be thoroughly cleaned.
Eye Contact:	Obtain immediate medical attention. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.
Ingestion:	Rinse mouth with water, then drink plenty of water (200-300 ml). Do not induce vomiting.

Most Important Symptoms: Irritation to mucous membrane, eyes and skin. Severe irritation of mouth, throat, esophagus and stomach. Bloating or stomach, belching, nausea, vomiting and diarrhea. Severe eye irritation, watering and redness. Can cause burns to eye. slight nose and throat irritation.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water, Carbon Dioxide and Alcohol resistant foam.

Unsuitable extinguishing media: None

5.2 Special hazards arising from the substance or mixture: Avoid contact with oxidizing agents

5.3 Advice for Fire-Fighters	Protective equipment for fire-fighting, including a self contained breathing apparatus. Not flammable. Not an explosive hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Information regarding personal protective measures see Section 8.

6.2 Environmental precautions

Do not discharge into drains/surface waters / ground water.

6.3 Methods and material for containment and cleaning up

Clear spills immediately by sweeping up and disposing of waste safely.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Do not breathe fumes/vapours. Provide adequate ventilation. Wear suitable protective clothing and gloves. (See Section 8)
Do not eat, drink or smoke at the work place. Wash hands and exposed skin after use.
Contaminated clothing should be thoroughly cleaned _
Keep respiratory protective devise available.

7.2 Conditions for Safe Storage, including any Incompatibilities:

Keep only the original container, tightly closed, in a cool, well ventilated place.
Do not store together with oxidizing agents.
Store away from food stuffs

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Personal Protective Equipment

Respiratory Protection: Wear respirator y protection if ventilation is inadequate.
Respiratory protection in case of vapour/aerosol release.

Hand Protection: Chemical resistant protective gloves (Nitrile R ubber)

Eye Protection: Tightly fitting safety goggles (chemical goggles)

Body Protection: Body protection must be chosen depending on activity and possible exposure, e.g. apron, protective boots, chemical-protection suit.

8.2 General Safety and Hygiene Measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

8.3 Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Granular Solid
Appearance	White Powder
Colour	White
Odour	Not Available

Property	Values
pH	10 • 11
Specific Gravity	Not Available
Boiling Point	Not Applicable
Vapour Pressure	1OE-3 PA at 25C
Vapour Density	Not Applicable
Water Solubility	140L at 24C

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

Reacts violently with Oxidizing Agents

10.2 Chemical Stability:

The product is stable if stored and handled as prescribed / indicated.

10.3 Possibility of Hazardous Reactions:

No hazardous reactions when stored and handled according to instructions
The product is chemically stable. Reacts with Acids and Oxidizing agents.

10.4 Conditions to Avoid:

See SOS Section 7 - Handling and Storage.
Store away from reducing agents, water, acids and acidic salts.

10.5 Incompatible Materials:

Oxidizing agents, Acids

10.6 Hazardous Decomposition Products:

Oxidizing agents and Acids

10.7 Materials to Avoid: Oxidizing agents and Acids

SECTION 11: TOXICOLOGICAL INFORMATION

Primary Routes of Exposure:
Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact.

INGREDIENTS	LC50	LD50
Sodium Percarbonate	Fish, Pimephales, Promelas 70.7 MG/L	Oral Route - Rat (combined sexes) 1034 MG/KG
Sodium Carbonate	Not Available	Not Available

Skin Absorption: Not Available
Eye: May cause severe irritation, redness, pain
Ingestion: May be harmful or fatal if swallowed. May cause vomiting. Can cause diarrhea
Inhalation: May cause severe irritation or burns of mucous membranes
Carcinogenicity of Material: No component of this product presents at levels greater than or equal to O 1% is identified as probable, possible or confirmed human carcinogen by IN1C
Acute Oral Toxicity: LD50 = 1034 MG/KG (rat)
Acute Inhalation Toxicity: LC50 > 4.58 MG/L/4H (rate
Acute Dermal Toxicity: LDLO > 2000 MF/KF (rabbit)

SECTION 12: ECOLOGICAL INFOR MATION

Environmental: High potential to affect some aquatic organisms. EC50 = 4.9 MG/L/48H (Daphnia Pulex). LC50 = 70 MG/L/96H (Pimephales Promelas). Volatilization of Hydrogen Peroxide from surface waters and moist soil is expected to be very low, while expected to be highly mobile in soil.

Biodegradability: Biodegradable. Hydrogen Peroxide and Sodium Carbonate

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SECTION 13: DISPOSAL CONSIDER ATIONS

Waste Disposal of Substance: Must be disposed of in accordance with local, regional, national regulations

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SECTION 14: TR ANSPORTATION INFORMATION

T.D.G. Classification	Class 5.1 UN 3378 P G II
T.D.G. Shipping Name	Oxidizing Solid. N.O.S. (Sodium Carbonate Peroxyhydrate)
T.D.G. Shipping Information	Ship in compliance with the Transportation of Dangerous Goods Act. Shipping Name described in accordance with IMDG Code

SECTION 15: REGULATORY INFORMATION

WHMIS Classification: **Class D Div. 2 Sub. B Class C. Class E.**

CPR Compliance: This product has been classified in accordance with the Hazard criteria of the CPR and the SDS contains all of the information required by the CPR

SECTION 16: OTHER INFORMATION

SDS Prepared by: Compliance Department **SOS Prepared on: March 27, 2017.**

Reviewed on: June 17, 2026

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

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