

SAFETY DATA SHEET

1. Product and company identification

Product Name PRESOAK DESTAINER

Product Code C-KD10

UN/ID No. UN1759 Sodium Percarbonate, Sodium Metasilicate - Corrosive Solid

Recommended use of the chemical

Recommended Use Industrial Presoak Destainer removes Stains, from Plastic & fine China dinnerware

Supplier: HD Chem
 707 W. 16th St.
 Long Beach, CA 90813
 (888) 443-2436

Print date: May 8, 2015

In case of emergency: **Call CHEMTREC (800) 424-9300**

Product type: Mixture

2. Hazards identification

Appearance: White **Physical State:** White Powder **Odor:** Odorless

Classification:

Skin corrosion	Category 1B
Severe eye damage/eye irritation	Category 1

Signal Word: Danger



Hazard Statement:

CORROSIVE. CAUSES SKIN, EYE AND DIGESTIVE TRACK BURNS. MAY BE HARMFUL IF SWALLOWED OR INHALED.

H302 + H312: Harmful if swallowed or in contact with skin

H314: Causes severe skin burns and eye damage

H335: May cause respiratory irritation

Over-exposure by inhalation may cause respiratory irritation. Inflammation of the eye over-exposure; Redness, Watering and itching. Skin inflammation over-exposure; itching, scaling, reddening, or occasionally, blistering

Precautionary Statements – Preventions

Wear eye protection/face protection

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Use only outdoors or in a well-ventilated area

Do not breathe dust/fume/gas/mist/vapors/spray

Wear protective gloves/protective clothing/eye protection/face protection

Other protective measures: Use good personal hygiene practices

Precautionary Statements – Response

Immediately call A POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

Continue rinsing immediately call a POISON CONTROL or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician, Rinse mouth, Do not induce vomiting

Precautionary Statements – Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Sodium Percarbonate	15630-89-4	23.56
Sodium Metasilicate	6834-92-0	4.71

4. First aid measures

Eye contact:	Rinse immediately with plenty of water for least 20 minutes while holding eyelids apart. Remove contact lenses if able to do so. Seek immediate medical attention
Skin contact:	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse
Inhalation:	Remove victim from dusty environment and allow to blow nose. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.
Ingestion:	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended. If aspiration of vomit, turn victim's head to the side.
General advice	Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the breathing has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

5. Fire-fighting measures

Flash point:	N/A
Flammability of the product:	Material not Flammable
Extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special exposure hazards:	Oxidizing Oxygen released in thermal decomposition may support combustion Contact with combustible material may cause fire Contact with flammables may cause fire or explosions Risk of explosion if heated under confinement
Hazardous decomposition products	Oxygen
Other information	Keep product and empty container away from heat and sources of ignition
Special protective equipment for fire-fighters:	In the event of fire, wear self-contained breathing apparatus. Fire fighters must wear resistant personnel protective equipment

6. Accidental release measures

Personal precautions:	Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Ensure adequate ventilation. Use personal protective equipment
Environmental precautions:	Avoid release to the environment. Collect spillage. See Section 12 for additional Ecological information. Dispose of contents/container to an approved waste disposal plant. Prevent product from entering drains. Do not flush into surface water for sanitary sewer system
Methods for cleaning up	
Small spill:	Use appropriate tools to Pick up and arrange disposal without creating dust
Large spill:	Sweep up and shovel into suitable containers for disposal. Wear appropriate protective equipment when handling product. Do not touch spilled material. Call for assistance on disposal.

7. Handling and storage

Handling:	Trained personnel should handle this material. Do not breathe dust. Avoid all contact with skin and eyes. Use this product only with adequate ventilation. Wash thoroughly after handling.
Storage	Keep container tightly closed when not in use. Store containers in a cool, dry location, away from direct sunlight. Keep away from intense heat, or where freezing is possible. Storage areas should be made of fire-resistant material. Post warning and "NO SMOKING" signs in storage and use areas, as appropriate. Empty containers may contain residual particulates; therefore, empty containers should be disposed of in accordance with the State, Local & Federal Regulations.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls **Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.**

Individual-protection measures, such as personal protective equipment

Eye/Face Protection	Wear chemical safety goggles. If necessary, refer to U.S. OSHA 29 CFR 1910.133.
Skin and Body Protection	Use impervious gloves. Gloves should be tested to determine their suitability for prolonged contact with this material. If necessary, refer to U.S. OSHA 29 CFR 1910.138.
Respiratory Protection	None required where adequate ventilation conditions exist. If airborne concentration is high, use an appropriate respirator or dust mask. If airborne, concentrations are above the applicable exposure limits, use NIOSH-approved respiratory protection. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR 1910.134). applicable U.S. State regulation.
General Hygiene considerations	Handle in accordance with good industrial hygiene and safety practice for diagnostics.

9. Physical and chemical properties

Physical state	Solid Crystals
Flash Point	N/A
Color	White
pH	12.6%
Boiling/condensation point	N/A
Melting/freezing point	N/A
Reactivity in water	N/A
Evaporation rate	N/A
Solubility in water	Complete

10. Stability reactivity

Stability	Product is stable under normal conditions
Conditions to avoid	None known
Materials to avoid	Strong acids
Hazardous decomposition products	None

11. Toxicological information

Routes of entry: Eye contact, Inhalation, Ingestion

Toxicological data

Acute oral toxicity

- LD50, rat, 1,034 mg/kg

Acute inhalation toxicity

- LCO, 1 h, rat, >4,580 mg/m³

Acute dermal irritation/corrosion

- LD 10, rabbit, >2,000 mg/kg

Skin irritation

- rabbit, slight irritation

Eye irritation

- rabbit, Risk of serious damage to eyes

Chronic toxicity

- no data available

Remarks

- Harmful if swallowed
 - Risk of serious damage to eyes
 - Irritating to respiratory system and skin
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12. Ecological information

- Hazard for the environment is limited, due to product properties:
 - Weak persistence of degradation products
 - Does not bioaccumulate
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13. Disposal considerations

Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE/CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

Regulatory Information	UN number	Proper shipping name	Classes	PG*
DOT Classification	UN1759	Sodium Percarbonate, Sodium Metasilicate	8	PGII

*PG: Packing group

15. Regulatory information

California Proposition 65

This product does not contain any Proposition 65 chemicals

16. Other information

<u>NEPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	2	0	2	S=PX
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	2	E

 Indicates information that has changed from previously issued version.

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet