



Safety Data Sheet

1. Product and company information

Name: **Forecourt Renew, Dry Powder Concrete Cleaner**
Manufacturer: ECS
P.O. Box 2029
Gig Harbor, WA 98335
Tel: (877) 253-2665 Fax: (253) 263-8037
www.ecschem.com

2. Hazards Identification



Warning

HAZARDOUS INGREDIENTS

Hazard statement: May cause respiratory irritation.

Potential Health Effects

EYE: This product may produce irritation upon contact with the eye. See section IV below.

SKIN CONTACT: Not a primary skin irritant; various severities of irritation are possible on prolonged, repeated or occluded contact.

INHALATION: Inhalation of aerosol dusts may cause sensitization or irritation in hypersensitive individuals.

INGESTION: Slightly toxic; ingestion can cause pain, diarrhea, corrosive damage to GI tract. Potential aspiration hazard if ingested.

3. Composition/information on ingredients

<u>Chemical Ingredient:</u>	<u>CAS Number</u>	<u>Exposure Limits</u>
Sodium Carbonate PNOC) 3mg/m3 resp.	497-19-8	10 mg/m3 inh. (ACGIH-
Sodium Bicarbonate	144-55-8	10mg/m3 (ACGIH)

5mg-m3 resp Calcium Carbonate mg/m3 (ACGIH-TLV)	9014-01-1	5 mg/m3 (calculated) 2
Ground Limestone Enzyme Preparation Paenibacillus spores	65997-15-1	15 mg/m3 Blend of Bacillus and

4. First aid measures

EYES: Avoid contact with eyes. If contact occurs, flush immediately with clean flowing water, low pressure and lukewarm if **possible. After an initial flush, check for and remove contact lenses if present. Continue flushing for 15 minutes occasionally** lifting upper and lower eyelids. Seek medical attention.

SKIN: Remove contaminated clothing. Wash exposed areas with soap and water. Seek medical attention if irritation develops and persists. Wash contaminated clothing before reuse.

INHALATION: Avoid inappropriate handling that may result in the generation of aerosol dusts. If inhaled, move away from contaminated area to fresh air. Seek medical attention if person has difficulty breathing, chest discomfort, or exhibits any other signs of allergic response.

INDESTION: Causes irritation to mouth and throat. If swallowed, do not induce vomiting. If person is conscious, give 1-2 glasses of water to drink. Never give anything orally to an unconscious person. Seek medical attention.

EMERGENCY AND FIRST AID PROCEDURES: Breathe fresh air. If problem persists contact your Physician.

5. Fire-fighting measures

FLAMMABLE PROPERTIES

FLASHPOINT: None

FLAMMABLE LIMITS

LEL: None

UEL: None

EXTINGUISHING MEDIA: None if product is unused. **NON-FLAMMABLE.**

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear full protective equipment including bunker gear and a self-contained breathing apparatus (SCBA) to avoid inhalation of irritating dusts and contact of dusts with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None if product is unused. If used to collect flammable liquids, then consult MSDS(s) if flammable liquid(s) collected.

6. Accidental release measures

Avoid generation of airborne dust. Wear skin, eye and respiratory protection. Ensure sufficient ventilation.

7. Handling and storage

Steps to be taken in case material is released or spilled:

Sweep and dispose of as for any inert non-carcinogenic dust.

Waste Disposal Method: If product is unused, then no special disposal procedure is necessary. After product has been used to absorb liquid materials, dispose in compliance with SDS(s) of absorbed liquid.

Precautions to be taken in Handling and Storage: Avoid emptying bags in area of high winds.

Other Precautions: None in unused form. After product has been used to absorb liquid materials, consult SDS(s) of absorbed liquid.

8. Exposure controls/personal protection

RESPIRATORY PROTECTION (Specify Type): When a worker is facing airborne concentration exceeding the permissible limits listed above. Use a suitable NOISH dust mask for inert non-carcinogenic dusts or equivalent.

VENTILATION: Local Exhaust

LOCAL EXHAUST: Apply negative air pressure at dump station to entrain airborne dust.

SPECIAL: N/A

PROTECTIVE GLOVES: Not necessary.

EYE PROTECTION: Safety glasses with side shields or safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not necessary.

PROTECTIVE WORK/HYGENIC PRACTICES: No special work requirements with respect to chemical exposure other than those noted above.

OSHA defined hazards

Label elements

Signal word Warning Hazard statement May cause respiratory irritation. Prevention Use

only outdoors or in a well-ventilated area. Response IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON

CENTER or doctor/physician if you feel unwell. Storage Store in a well-ventilated place.

Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children. Disposal Dispose of waste and residues in accordance with local authority requirements. Hazard(s) not otherwise classified (HNOC) Dust Hazard:

Mechanical eye and lung irritant Avoid eye contact or breathing dust, powder, mist or vapor from this product as irritation of the eyes or respiratory tract may result.

Supplemental information Contact with wet material may cause burns to eyes and skin.

Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
PORTLAND CEMENT (65997-15-1)	TWA	1 mg/m ³	Respirable fraction. (CAS

Control parameters

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
CALCIUM CARBONATE (CAS 1317-65-3)	PEL	5 mg/m ³	Respirable fraction.

9. Physical and chemical properties

APPEARANCE: Dry White or Gray powder with blue speckles

ODOR: No odor

PHYSICAL STATE: Powder

PH: Approximately 9.5 -10 (if mixed with water)

VAPOR PRESSURE (mmHg.): Solid

VAPOR DENSITY (AIR=1): Solid

BOILING POINT: 900 F

FREEZING/MELTING POINT: 900 F

SOLUBILITY IN WATER: Soluble in water

SPECIFIC GRAVITY (H₂O = 1): 2.7

EVAPORATION RATE: Will not evaporate

10. Stability and reactivity

STABILITY: Stable

CONDITIONS TO AVOID: Acids

INCOMPATIBILITY WITH OTHER MATERIALS: Acids

HAZARDOUS DECOMPOSITION PRODUCTS: This product is non-flammable. The product decomposes at high temperature producing carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. Toxicological information

Threshold limit values: NA

Signs and symptoms of over exposure:

Acute: Moderate eye irritation. Skin: Causes redness, edema, drying of skin.

Chronic: Pre-existing skin and eye disorders may be aggravated by contact with this product.

Medical Conditions Generally Aggravated by Exposure: Unknown

Carcinogen: No

12. Ecological information

Product is an inorganic. No relevant information found.

13. Disposal Considerations

Landfill in accordance with all local, state and federal environmental regulation. Local and state laws may differ from Federal, so be sure to consult with appropriate agencies for specific rules. Discard empty containers as general trash.

14. Transport information

D.O.T. SHIPPING NAME: not regulated

TECHNICAL SHIPPING NAME: Forecourt Renew

D.O.T. HAZARD CLASS: Class 55

U.N./N.A. NUMBER: None

HAZARDOUS SUBSTANCE'RQ: None

D.O.T. LABEL: None

D.O.T. PLACARD: None

15. Regulatory information

The Information on this Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application, which is not described on the Product label or in this Safety Data Sheet is the sole responsibility of the user. This Safety Data Sheet was prepared to comply with the OSHA Hazardous Communication Regulation.

All information appearing herein is based upon data obtained by the manufacturer and technical sources. Judgments as to the suitability of information herein for the purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of this information, ICS, ECS or Gold Crew, or its distributors extends no warranties, makes no representations and assumes no responsibility as to the suitability of such information for application to purchasers intended purposes or for consequences of its use.

16. Other information

Generic Description: White or gray powder with blue speckles

HMIS Code: Health 1, Fire 0, Reactivity 0

HMIS Key: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant

D.O.T. Class: Not regulated; not hazardous

Formula: Proprietary