

PRODUCT SAFETY DATA SHEET COSTAR PREMIUM SEALER

Section 1 - Product Identification

IDENTITY: Product Name: Costar Premium Sealer
 Chemical Characterization: Liquid
 Product Use Description: Premium Sealer for Tiles and Natural Stones

Section 2 - Hazards Identification

GHS Classification: 29 CFR 1910 (OSHA HCS).

GHS Hazard Statements:

H303 - May be harmful if swallowed
 H314 - Causes severe skin burns and eye damage
 H318 - Causes serious eye damage 1

GHS Hazard Pictograms:



GHS Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 - Wash _ thoroughly after handling.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P310 - Immediately call a POISON CENTER or doctor/physician.
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
 P363 - Wash contaminated clothing before reuse

Section 3 - Composition / Information on Ingredients

Ingredient Name	Percentage (%)	Cas#
Dipropylene glycol methyl ether	1%	34590-94-8
Potassium hydroxide	1% - 2%	1310-58-3
Diethylene glycol monobutyl ether	4% - 6%	112-34-5

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If inhaled: Move to fresh air. Administer oxygen if difficulty with breathing. Consult a physician if symptoms persist.

In case of Eye contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.

In case of Skin contact: Wash with soap and water. If irritation persists consult medical personnel.

After Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

Notes to physician: Treat symptomatically.

Section 5 - Fire Fighting Measures

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous combustion products: No hazardous combustion products are known

Specific extinguishing methods: Standard procedure for chemical fires.

Special protective equipment for Firefighters: In the event of fire, wear self-contained breathing apparatus

Flash Point: >212°F

Flash Point Method: Closed Cup

Section 6 - Accidental Release Measures

Person-related Safety Precautions: Wear personal protective equipment while handling product. Emergency procedures are not required.

Environmental precautions: Keep away from drains and ground water.

Methods for Cleaning up: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Advice on safe handling: Follow standard hygiene measures when handling chemical products. Avoid eye and skin contact. Keep out of reach of children

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.



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Materials to avoid: No special restrictions on storage with other products

Hygiene measures: When using do not eat or drink. When using do not smoke.

Conditions for safe storage: Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.

Storage: Keep container tightly closed in a dry and well-ventilated area. Store away from foodstuffs.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Respiratory Protection: Wear a properly fitted NIOSH approved respirator in poorly ventilated areas

Hand-skin exposure: When installing, wear appropriate protective rubber or plastic gloves. Wear appropriate impervious clothing to prevent skin exposure (long sleeve shirt and long pants).

Eye Protection: Wear tightly sealed safety glasses with side shields or goggles. Face shield as necessary

Work/Hygienic Practices: Wash hands before breaks and after work, and before eating, drinking or smoking.

Section 9 - Physical and Chemical Properties

Physical State: liquid

Color: Clear light Creamy

Odour: characteristic

Odour threshold: No data available

pH (in water): 12.8 - 13.2 as is; 11.4 - 11.9 RTU

Solunility: Soluble

Melting point/range / Freezing point: No data available

Flammability: No data available

Boiling point/boiling range: No data available

Flash point: >212°F

Flash Point Method: Closed Cup

Evaporation rate: No data available

Spec Grav./Density: No data available

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Material to Avoid: No data available.

Chemical stability: The Product is stable under normal temperatures and pressures.

Hazardous Polymerization: Will not occur.

Conditions to avoid: No data available.

Incompatibilities: None known

Section 11 – Toxicological Information**Toxicity Data:****Diethylene glycol butyl ether 112-34-5**

Oral (LD 50): 5660 mg/kg - Rat

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Moderate

Eye irritation: Severe

Sensitation: Not considered an occupational sensitizer

Potassium hydroxide 1310-58-3

Oral (LD 50): 273 mg/kg - Rat

Inhalation (LC): Not listed on RTECS

Skin irritation: Severe - Human

Eye irritation: Severe - Rabbit

Sensitation: Not considered an occupational sensitizer

Diethylene glycol butyl ether 112-34-5

Oral (LD 50): 5660 mg/kg - Rat

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Moderate

Eye irritation: Severe

Sensitation: Not considered an occupational sensitizer



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On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

Section 13 – Disposal Considerations

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste Disposal Method: Dispose of in a manner consistent with federal, state and local regulations. Do not dispose together with household garbage. Do not allow product to reach sewage system.

Section 14 – Transport Information

Ship in accordance with 49 CFR parts 100-185.

Section 15 – Regulatory Information

COMPONENT / (CAS/PERC) / CODES -----

- Diethylene glycol monobutyl ether (112345 6%) TSCA, WHMIS
- Potassium hydroxide (1310583 2%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS
- Dipropylene glycol methyl ether (34590948 1%) MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS



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Section 16 - Other information

Abbreviations and acronyms:

CERCLA = Superfund clean up substance

CSWHS = Clean Water Act Hazardous substances

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

WHMIS = Workplace Haz Mat Info Sys Canada

SDS prepared by: Costar product safety department

LEGAL NOTE:

Costarchem products are manufactured and sold in line with standard terms and conditions.

The details based on application and end- use of our products are given to our best technical knowledge, as this takes into note the handling, storage and application process which should be in accordance with Costar's stipulations.

While Costar ensures that product application advice or recommendations it gives is accurate because it has no direct or continuous control over where or how its products are applied, cannot accept any liability either directly or indirectly arising from the use of its products.

The user is responsible for checking and testing the suitability of products for their intended application and purpose and use.

The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery.



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