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## SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION

**Product Name:** BEHR PREMIUM™ Concrete & Masonry Degreaser & Cleaner No. 990  
**Product Code:** 990  
**SDS Manufacturer Number:** 990  
**Manufacturer Name:** BEHR Process Corporation  
**Address:** 3400 W. Segerstrom Avenue  
 Santa Ana, CA 92704  
**General Phone Number:** (714) 545-7101  
**General Fax Number:** (714) 241-1002  
**Customer Service Phone Number:** (800) 854-0133 ext. 2  
**CHEMTREC:** For emergencies in the US, call CHEMTREC: 800-424-9300  
**Canutec:** In Canada, call CANUTEC: (613) 996-6666 (call collect)  
**SDS Creation Date:** June 26, 2006  
**SDS Revision Date:** April 30, 2015  
**(M)SDS Format:** In accordance with 2012 OSHA Hazardous Communication Standard

### SECTION 2 : HAZARD(S) IDENTIFICATION

GHS Pictograms:



**Signal Word:** Danger.

**GHS Class:** Skin Corrosion, Category 1.  
 Serious Eye Damage, Category 1.  
 Metal Corrosion, Category 1

**Hazard Statements:** Causes severe skin burns and serious eye damage.  
 May be corrosive to metals..

**Precautionary Statements:** Wear protective clothing, gloves, eye, and face protection.  
 Do not breathe vapors or spray mist.  
 Do not eat, drink or smoke when using this product.  
 Wash hands thoroughly after handling.  
 Wash contaminated clothing before reuse.  
 Keep only in the original, corrosive resistant container and store locked up.  
 Dispose of unused contents, container, and other contaminated wastes in accordance with local, state, federal, and provincial regulations.  
**If in eyes:** Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing and get medical attention if eye irritation persists.  
**If on skin or hair:** Immediately remove all contaminated clothing and rinse skin with water and get medical attention.  
**If inhaled:** Leave the area if you experience headaches, drowsiness or dizziness to obtain fresh air and keep

at rest in a position comfortable for breathing. If difficulty continues, get medical attention immediately.  
**If swallowed:** Rinse mouth. Do not induce vomiting and get medical attention immediately.

<b>Emergency Overview:</b>	Corrosive. Irritant.
<b>Route of Exposure:</b>	Eyes. Skin. Inhalation. Ingestion.
<b>Potential Health Effects:</b>	
<b>Eye:</b>	Corrosive. Will cause eye burns and permanent tissue damage.
<b>Skin:</b>	Severely irritating; may cause permanent skin damage.
<b>Inhalation:</b>	May cause severe respiratory system irritation.
<b>Ingestion:</b>	Harmful if swallowed. Corrosive to the gastrointestinal tract.
<b>Chronic Health Effects:</b>	Prolonged skin contact causes burns. Repeated or prolonged inhalation may cause toxic effects.
<b>Signs/Symptoms:</b>	Depending on solution concentration, material may be corrosive to skin, mucous membranes and eyes. Vapors may cause respiratory irritation.
<b>Target Organs:</b>	Eyes. Skin. Respiratory system. Digestive system.
<b>Aggravation of Pre-Existing Conditions:</b>	May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	EC Num.
Potassium silicate	1312-76-1	1 - 5 by weight	
Alcohol ethoxylate	68439-46-3	1 - 5 by weight	
Tetrapotassium pyrophosphate	7320-34-5	1 - 5 by weight	
Silicic acid, disodium salt; Disodium trioxosilicate; Sodium metasilicate	6834-92-0	1 - 5 by weight	

### SECTION 4 : FIRST AID MEASURES

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Remove contacts if present and easy to do. Continue rinsing. Get medical attention, if irritation or symptoms of overexposure persists.
<b>Skin Contact:</b>	Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

### SECTION 5 : FIRE FIGHTING MEASURES

<b>Flash Point:</b>	None.
<b>Lower Flammable/Explosive Limit:</b>	Not applicable.

Upper Flammable/Explosive Limit:	Not applicable.
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

**NFPA Ratings:**

NFPA Health:	3
NFPA Flammability:	1
NFPA Reactivity:	2

**SECTION 6 : ACCIDENTAL RELEASE MEASURES**

Personnel Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment as listed in section 8.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Methods for containment:	Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means. Provide ventilation.
Methods for cleanup:	Clean up spills immediately observing precautions in the protective equipment section. Provide ventilation.

**SECTION 7 : HANDLING and STORAGE**

Handling:	Corrosive. Use proper personal protective equipment as listed in section 8. Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing. Wash hands thoroughly after handling.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. Keep only in the original, corrosive resistant container and store locked up.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

**SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION**

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description:	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

PPE Pictograms:



EXPOSURE GUIDELINES

**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

Physical State:	Liquid.
Color:	opaque.
Odor:	Slight.
Odor Threshold:	Not applicable.
Boiling Point:	>99°F (>37°C)
Melting Point:	Not applicable.
Density:	8.53
Solubility:	Not applicable.
Vapor Density:	Not applicable.
Vapor Pressure:	Not applicable.
Evaporation Rate:	Not applicable.
pH:	12 - 14
Viscosity:	Water thin
Coefficient of Water/Oil Distribution:	Not applicable.
Flammability:	Not applicable.
Flash Point:	None.
VOC Content:	0.5

**SECTION 10 : STABILITY and REACTIVITY**

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Heat, flames, incompatible materials, freezing or temperatures below 32 deg. F.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

**SECTION 11 : TOXICOLOGICAL INFORMATION****Alcohol ethoxylate :**

Skin:	Administration onto the skin - Rabbit LD50: >2 gm/kg [Behavioral - Somnolence (general depressed activity) Behavioral - Ataxia Gastrointestinal - Hypermotility, diarrhea ] (RTECS)
Ingestion:	Oral - Rat LD50: 1378 mg/kg [Behavioral - Somnolence (general depressed activity) Behavioral - Ataxia Gastrointestinal - Hypermotility, diarrhea ] (RTECS)

**Tetrapotassium pyrophosphate :**

Skin:	Administration onto the skin - Rabbit LD50: >4640 mg/kg [Skin and Appendages - Dermatitis, other (After systemic exposure)] (RTECS)
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**Silicic acid, disodium salt; Disodium trioxosilicate; Sodium metasilicate :**

Skin:	Administration onto the skin - Human Standard Draize test.: 250 mg/24H Administration onto the skin - Rabbit Standard Draize test.: 250 mg/24H Administration onto the skin - Guinea pig Standard Draize test.: 250 mg/24H Administration onto the skin - Mouse Standard Draize test.: 4%/96H (RTECS)
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**Ingestion:** Oral - Rat LD50: 1153 mg/kg [Gastrointestinal - Ulceration or bleeding from stomach Gastrointestinal - Ulceration or bleeding from duodenum Gastrointestinal - Ulceration or bleeding from small intestine]  
Oral - Mouse LD50: 770 mg/kg [Gastrointestinal - Ulceration or bleeding from stomach Gastrointestinal - Ulceration or bleeding from duodenum Gastrointestinal - Ulceration or bleeding from small intestine]  
Oral - Rat LD50: >1000 mg/kg [Gastrointestinal - Other changes] (RTECS)

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## SECTION 12 : ECOLOGICAL INFORMATION

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**Ecotoxicity:** No ecotoxicity data was found for the product.  
**Environmental Fate:** No environmental information found for this product.

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## SECTION 13 : DISPOSAL CONSIDERATIONS

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**Waste Disposal:** Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

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## SECTION 14 : TRANSPORT INFORMATION

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**DOT Shipping Name:** Paint Related Material.  
**DOT UN Number:** 3066  
**DOT Hazard Class:** 8  
**DOT Packing Group:** II  
**DOT Exemption:** Not applicable.

**IATA Shipping Name:** Paint Related Material.  
**IATA UN Number:** 3066  
**IATA Hazard Class:** 8  
**IATA Packing Group:** II

**Canadian Shipping Name:** Paint Related Material.  
**Canadian UN Number:** 3066  
**Canadian Hazard Class:** 8  
**Canadian Packing Group:** II

**IMDG UN Number :** 3066  
**IMDG Shipping Name :** Paint Related Material.  
**IMDG Hazard Class :** 8  
**IMDG Packing Group :** II

**ADR UN Number:** 3066  
**ADR Shipping Name :** Paint Related Material.  
**ADR Hazard Class:** 8  
**ADR Packing Group :** II

**SECTION 15 : REGULATORY INFORMATION****Alcohol ethoxylate :**

TSCA Inventory Status: Listed

Canada DSL: Listed

**Tetrapotassium pyrophosphate :**

Canada DSL: Listed

**Silicic acid, disodium salt; Disodium trioxosilicate; Sodium metasilicate :**

TSCA Inventory Status: Listed

Canada DSL: Listed

**SECTION 16 : ADDITIONAL INFORMATION****HMIS Ratings:**

HMIS Health Hazard: 3

HMIS Fire Hazard: 1

HMIS Reactivity: 2

SDS Creation Date: June 26, 2006

SDS Revision Date: April 30, 2015

MSDS Revision Notes: Formula update

SDS Format: In accordance with 2012 OSHA Hazardous Communication Standard

MSDS Author: Actio Corporation

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