



SEAL KING INC.
7134 WELLINGTON COUNTY ROAD #124 SOUTH
Guelph, ONTARIO, N1H6N3
Canada
519-821-1250

PRODUCT: Efflorescence Cleaner

CODE: SK/EC

SECTION 01: IDENTIFICATION

PRODUCT IDENTIFIER..... Efflorescence Cleaner
 PRODUCT CODE(S)..... SK/EC
 EMERGENCY NUMBER..... During business hours 519 821 1250. After business hours 613 996 6666.
 Product Class..... Cleaner.
 RECOMMENDED USE AND Cleaner .
 RESTRICTIONS
 SUPPLIER IDENTIFIER..... Seal King Inc.
 7134 Wellington County Road #124 South
 Guelph
 Ontario
 Canada
 N1H6N3
 (519) 821-1250

SECTION 02: HAZARD IDENTIFICATION



SIGNAL WORD..... DANGER.
 HAZARD CLASSIFICATION..... Serious Eye Damage — Category 1. Skin Corrosion — Category 1B.
 HAZARD STATEMENT..... H314 Causes severe skin burns and eye damage.
 PRECAUTIONARY STATEMENT
 Prevention..... P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P284 Wear respiratory protection. P270 Do not eat, drink or smoke when using this product. P361 Take off all contaminated clothing. P363 Wash contaminated clothing before reuse. P501 Dispose of unused contents, container, and other contaminated waste in accordance with local, state, federal, and provincial regulations. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes and remove contacts if present and easy to do. Continue rinsing. P302+P352 If on skin: Wash with plenty of soap and water. P301+P330+P314 If swallowed: Rinse mouth and get medical attention if you feel unwell.
 Potential acute health effects:
 Inhalation..... Irritating to respiratory system.
 Ingestion..... May cause gastrointestinal irritation nausea, vomiting and diarrhea.
 Skin..... Severely irritating to the skin.
 Eyes..... Risk of serious damage to eyes.
 Potential chronic health effects:..... Repeated contact may cause allergic reactions in very susceptible persons.
 Medical conditions aggravated by None Known.
 over-exposure
 OTHER HAZARDS..... None.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Phosphoric Acid	7664-38-2	65 - 85

SECTION 04: FIRST-AID MEASURES

PROTECTION OF FIRST-AIDERS:..... No hazards which require special first aid measures.
 ROUTES OF EXPOSURE..... Dermal contact. Eye contact. Ingestion. Inhalation.
 SKIN CONTACT..... Wash off immediately with soap and water removing all contaminated clothes and shoes.
 EYE CONTACT..... Rinse thoroughly with plenty of water for at least 15 minutes and consult a Physician.
 INGESTION..... Never give anything by mouth to an unconscious person. Get medical attention immediately. If material has been swallowed and the person is conscious, give small quantities of water to drink.
 INHALATION..... Move to fresh air. If symptoms persists, call a Physician.
 Notes to Physician:..... Treat symptomatically.

PRODUCT: Efflorescence Cleaner**CODE: SK/EC****SECTION 05: FIRE-FIGHTING MEASURES**

FLAMMABILITY..... Not Flammable.
 Lower Flammable /Explosive Limit:..... Not Applicable.
 Upper Flammable /Explosive Limit:..... Not Applicable.
 NFPA..... Health: 3 Flammability: 0 Reactivity: 0 Special: H.
 SUITABLE AND UNSUITABLE Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 EXTINGUISHING MEDIA
 SPECIAL PROTECTIVE EQUIPMENT Fire-fighters should wear appropriate equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.
 AND PRECAUTIONS FOR FIRE-FIGHTERS
 Special remarks on fire hazard:..... Closed containers may rupture if exposed to fire or extreme heat.
 Sensitivity to Mechanical Impact: No.
 Sensitivity to Static No.
 Discharge:

SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
 PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE
 ENVIRONMENTAL PRECAUTIONS:..... Prevent further leakage or spillage if safe to do so.
 METHODS AND MATERIALS FOR Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.
 CONTAINMENT AND CLEANING UP
 Other Information:..... None known.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING.. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
 CONDITIONS FOR SAFE STORAGE, Keep container tightly closed and sealed unit ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store unlabeled containers. Use appropriate containment to avoid environmental contamination.
 INCLUDING ANY INCOMPATIBILITIES . Keep out of the reach of children. Incompatible products : Strong bases. Strong acids. metals. Eliminate all ignition sources. .

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Phosphoric Acid	1 mg/m3	3 mg/m3	1 mg/m3		No Data	
APPROPRIATE ENGINEERING CONTROLS	Ensure adequate ventilation, especially in confined areas.					
HYGIENE MEASURES.....	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.					
INDIVIDUAL PROTECTION MEASURES	Selection of personal protective equipment (PPE) is to be established by the employer performing a PPE hazard assessment.					
RESPIRATORY/TYPE.....	In case of insufficient ventilation wear suitable respiratory equipment.					
GLOVES/ TYPE.....	Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. .					
EYE/TYPE.....	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.					
CLOTHING/TYPE.....	Impervious clothing, such as a synthetic apron or coveralls, should be used to prevent contact with skin or clothing.					
FOOTWEAR/TYPE.....	Appropriate footwear and any additional skin protection measures should be selected based on the task performed and the risks involved .					

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE (PHYSICAL STATE AND COLOUR) Translucent liquid.
 ODOUR..... Little odour of amine or no odour present .
 pH..... 9.0 - 9.5.

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FLASH POINT (°C), METHOD..... Not Applicable.
 INITIAL BOILING POINT AND BOILING RANGE (°C)..... 100 C.
 MELTING POINT AND FREEZING POINT (°C)..... 0 degree Celsius.
 EVAPORATION RATE..... Not Available.
 FLAMMABILITY (SOLIDS AND GASES)..... Not Flammable.
 LOWER FLAMMABLE LIMIT (% VOL)..... Not applicable.
 UPPER FLAMMABLE LIMIT (% VOL)..... Not applicable.
 VAPOUR PRESSURE..... No data.
 VAPOUR DENSITY (AIR=1)..... No data.

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY..... The product is stable, under normal conditions of storage and use.
 HAZARDOUS POLYMERIZATION:..... Will not undergo hazardous polymerization.
 CONDITIONS TO AVOID..... Prevent from freezing.
 INCOMPATIBLE MATERIALS..... Strong acids. Strong bases.
 HAZARDOUS DECOMPOSITION PRODUCTS..... Phosphorus oxides. Carbon monoxide. Carbon dioxide. Thermal decomposition generates : Corrosive vapors. .
 POSSIBILITY OF HAZARDOUS REACTIONS..... Reacts exothermically with water (moisture). Decomposes on exposure to temperature rise: release of toxic and corrosive gases/vapours (phosphorus oxides). Reacts on exposure to temperature rise with (some) metals: release of highly flammable gases/vapours (hydrogen). Violent exothermic reaction with (some) bases. Violent to explosive reaction with many compounds e.g.: with (strong) oxidizers and with (strong) reducers.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Phosphoric Acid	No Data	Dermal (RABBIT) 2740mg/kg Oral (RAT) 1530 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Do not allow product or any runoff from fire control to enter storm or sanitary sewers, lakes, rivers, or public waterways. Federal regulations and other agencies may require to be notified of a spill incident.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS..... Disposal of in accordance with Federal, provincial and municipal regulations. Dry empty containers may be recycled.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION..... Regulated.
 UN UN 1805.
 PACKAGING GROUP..... III.
 CLASS..... 8.
 SHIPPING NAME..... CORROSIVE LIQUID. N.O.S. (Phosphoric Acid).

SECTION 15: REGULATORY INFORMATION

WHMIS1988 CLASSIFICATION..... Class D2A: material causing toxic effects (Toxic) . Class E - Corrosive Materials.
 CEPA/DSL STATUS..... All components of this product are on the CEPA DSL inventory.
 REGULATORY TEXT..... This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
 U.S. TSCA INVENTORY STATUS..... All components are listed or exempted.
 HAPS (Clean Air Act 112 regulated substances):

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SECTION 16: OTHER INFORMATION

HAZARDOUS MATERIALS
IDENTIFICATION SYSTEM (HMIS):
PPE DISCLAIMER:.....
General Disclaimer.....

Health: 3. Flammability: 0. Physical hazards: 0. Personal Protection: H.

The customer is responsible for determining the PPE code for this material.
The information in this safety data sheet is not intended to be exhaustive and is based on the present state of Korzite's knowledge and on current laws; any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Safety Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of Korzite's knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. A copy of this document should be requested and reviewed carefully. The information contained in this safety data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data is current prior to using the product. .

PREPARED BY: Regulatory Affairs
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