

MATERIAL SAFETY DATA SHEET

Section 1 - PRODUCT / MANUFACTURE'S IDENTIFICATION

PRODUCT NAME: **surpHace pHresh CONCENTRATE** EMERGENCY NUMBER: +1 (800)-424-9300
MSDS NUMBER: PH090 PRODUCT USE: Antimicrobial
VERSION NUMBER: 1.00 DOT HAZARD CLASS: 8
ISSUE DATE: 3/17/09 DOT SHIPPING NAME: Corrosive liquid, Acidic, Inorganic, N.O.S 3264
REVISION DATE: 3/17/09 UN NUMBER: II
PREPARED BY: The XIM Group PACKAGING GROUP:
MANUFACTURER: pHresh Technologies
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1	HEALTH	HAZARD RATING 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT
0	FIRE	
1	REACTIVITY	
A	MINIMUM PERSONAL PROTECTION	
A=GOGGLES B=GOGGLES & GLOVES C=GOGGLES, GLOVES, & APRON		

ABBREVIATION KEY: NA= Not Applicable NE = Not Established ND = Not Determined

Section 2 - HAZARDOUS INGREDIENTS INFORMATION

CHEMICAL INDENTITY	HAZARDOUS	CAS REG#	PERCENTAGES
Water	No	7732-18-5	80-90
Acidic Calcium Sulfate	Yes	NA	15-20
Emulsifier	No	NA	<1

Section 3 - PHYSICAL DATA

BOILING POINT: 103°C - 104 °C SPECIFIC GRAVITY (H₂O = 1.0): 1.06 - 1.08 ODOR: Odorless and slightly acidic
PHYSICAL STATE: Liquid APPEARANCE: clear to slightly cloudy or opaque pH: < 1.0

Section 4 - HEALTH HAZARD DATA

Exposure to significant quantities of liquid and/or mist may cause irritation body tissue. Swallowing of large quantities of surpHace pHresh CONCENTRATE may be. Excessive heat (>100°C) may cause volatility. Long term exposure may cause skin irritation.

POTENTIAL HEALTH EFFECTS

Inhalation: Inhalation of undiluted surpHace pHresh CONCENTRATE vapors caused by high temperature (>100 °C) may produces irritation on the mucous membranes and upper respiratory tract. Symptoms may include irritation of the nose and throat.

Skin Contact: Continuous long term exposure may cause irritation to the skin.

Ingestion: surpHace pHresh is a food additive, however ingestion of undiluted surpHace pHresh is not recommended.

Eye Contact: Contact with undiluted surpHace pHresh may cause eye irritation.

Chronic Exposure: Chronic exposure to mist should be avoided.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems or impaired respiratory function may be more susceptible to the effects of undiluted surpHace pHresh CONCENTRATE.

Section 5 - FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, get medical attention immediately.

Skin Contact: In case of prolonged contact, flush skin with water.

Ingestion: If swallowed, DO NOT INDUCE VOMITNG. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Eye Contact: Immediately flush eyes with plenty of water, lifting lower and upper eyelids occasionally.

Section 6 - FIRE FIGHTING MEASURES

Fire: Non-Flammable

Explosion: A mild exothermic reaction may occur when undiluted surpHace pHresh CONCENTRATE is added to water

Fire Extingulshing Media: Non-Flammable

Section 7 - ACCIDENTAL RELEASE MEASURES

Absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container, or flush to sanitary sewer.

Section 8 - HANDLING AND STORAGE

Protect from physical damage.

Section 9 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits:

NA

Skin Protection: Wear boots, gloves, lab coat, apron or coveralls, as appropriate.

Eye Protection: Use eye protection and goggles.

Section 10 - STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: NA

Hazardous Polymerization: Will not occur.

Incompatibilities: NA

Conditions to Avoid: Excessive Heat (>100°C).

Section 11 – TOXICOLOGICAL INFORMATION

Toxicological Data: NA
Carcinogenicity: NA

Section 12 – ECOLOGICAL INFORMATION

Environmental Fate: NA
Environmental Toxicity: NA

Section 13 – DISPOSAL CONSIDERATIONS

RCRA P-Series: None listed. RCRA U-Series: None listed.

Section 14 – TRANSPORTATION

Shipping Name: Corrosive liquid, Acidic, Inorganic, NOS (ACIDIC CALCIUM SULFATE)
Hazard Class: 8 UN Number: UN3264 Packing Group: II

Section 15 – REGULATORY INFORMATION

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

California No Significant Risk Level: None of the chemicals in this product are listed. European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Section 16 – ADDITIONAL INFORMATION

MSDS Creation Date: 3/17/09

Revision Date: 3/17/09

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall The XIM Group or pHresh Technologies be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if XIM Group has been advised of the possibility of such damages.