DATE: September 6, 2013

MATERIAL SAFETY DATA SHEET

ISSUE DATE: April 4, 1997
REVISION DATE: September 6, 2013
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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND/OF THE COMPANY/ UNDERTAKING

PRODUCT NAME

CHEMICAL NAME
Poly aliphatic phosphate

TRADE NAME

CHEMICAL FORMULA
Secret for business

MANUFACTURER' S NAME

EMERGENCY TELEPHONE NUMBER
Tel:
Fax:

ADDRESS

SECTION 2. COMPOSITION/ INFORMATION ON INGREDIENTS

SUBSTANCE DESCRIPTION	%	CAS NUMBER
Secret for business	Secret for business	Secret for business

SECTION 3. HAZARDS IDENTIFICATION

FIRE AND EXPLOSION HAZARDS
This product is not defined as flammable or combustible. It is self-extinguishing once the source of ignition is removed. The material is not sensitive to static discharge or physical impact.
It may decompose under fire conditions.

PRIMARY ROUTE OF EXPOSURE
The primary route of exposure to this product are skin contact and inhalation of mist or vapor.

INHALATION ACUTE EXPOSURE
At normal temperatures, this material is not likely to present an inhalation hazard. At elevated temperatures, vapor and /or fumes may cause respiratory tract irritation.

SKIN CONTACT
This material is not expected to cause irritation by skin contact.

EYE CONTACT, ACUTE
This material is not expected to cause irritation by eye contact.

SECTION 4. FIRST-AID MEASURES

EYE CONTACT
Immediately flush eyes with plenty of water at least 15 minutes. Seek medical attention.

SKIN CONTACT
Remove contaminated clothing. Wash away exposed area with soap and water. If skin is damaged, seek medical attention.

INHALATION
Immediately move individual away from exposure and into fresh air. Keep person warm and quiet.
If person is not breathing, begin artificial respiration.

INGESTION
Do not induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration.
Never give anything by mouth to an unconscious person. Seek medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT

AUTO-IGNITION TEMPERATURE

LOWER EXPLOSION LIMIT

UPPER EXPLOSION LIMIT

EXTINGUISHING MEDIA
Dry chemical, Foam, Carbon dioxide.

FIRE FIGHTING PROCEDURES
As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion.
Evacuate non-essential personnel from the fire area. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

HAZARDOUS PRODUCTS BY COMBUSTION
Decomposition of this material under fire conditions can produce carbon monoxide, carbon dioxide and phosphorus oxides.

SECTION 6. ACCIDENTAL RELEASE MEASURES

CLEANUP
Isolate spill area and restrict non-essential personnel. Wear protective equipment to avoid skin contact, eye contact and breathing vapors. Stop leak if possible without personal risk. Avoid heat, flames, sparks and other sources of ignition.
Large spills: Dike area to prevent spill from spreading. Vacuum or scoop up spilled material, then transfer to a

waste container.

Small spills: Absorb with sand or sawdust. Sweep up absorbed material and place in a waste container for disposal.
Clean the spillage area with water and detergent. Do not allow contaminated water to enter waterways or sewers.

SECTION 7. HANDLING AND STORAGE

HANDLING
Wear protective clothing including chemical goggles and rubber gloves when handling this product to avoid eye and skin contact. Handle in a well-ventilated area. Avoid breathing vapors.

STORAGE
Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use.
Keep away from sources of heat or flame.

SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

RESPIRATORY PROTECTION
Use an organic vapor/acid gas respirator with dust, mist, and fume filters to reduce potential for inhalation exposure .

SKIN PROTECTION
Skin contact with the liquid should be prevented through the use of suitable protective clothing, gloves, and foot-wear selected with regard for use condition and exposure potential.

EYE PROTECTION
Eye contact with the liquid should be prevented through the use of chemical safety goggles.

VENTILATION PROTECTION
This material should be handled in a well-ventilated area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	ODOR
FLAMMABILITY	FLASH POINT
LOWER EXPLOSION LIMIT	AUTO-IGNITION TEMPERATURE
UPPER EXPLOSION LIMIT	OXIDIZING PROPERTIES
VAPOR PRESSURE	RELATIVE DENSITY

SOLUBILITY IN WATER

PARTITION COEFFICIENT

VISCOSITY

MELTING POINT

SECTION 10. STABILITY AND REACTIVITY

STABILITY
This material is stable at normal temperatures and atmospheric pressure. It is not self-reactive and is not sensitive to static discharge or physical impact.

INCOMPATIBILITIES
This material is incompatible with strong oxidizers, strong acids and strong alkalis. It hydrolyzes slowly at normal temperatures in acidic or alkaline aqueous solutions.

POLYMERIZATION
Hazardous polymerization is not expected to occur.

DECOMPOSITION
Under wet alkaline or acidic conditions, this material hydrolyzes slowly at normal temperatures.

CONDITIONS TO AVOID
Contact with strong acids, strong alkalis and strong oxidizers should be avoided.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY

ACUTE DERMAL TOXICITY

ACUTE INHALATION TOXICITY

SENSITIZATION

ACUTE EYE IRRITATION

ACUTE SKIN IRRITATION

REPEATED DOSE TOXICITY

MUTAGENICITY

CHROMOSOME ABERRATION

MICRONUCLEI IN THE BONE MARROW

CARCINOGENICITY

REPRODUCTIVE TOXICITY

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADABILITY

ACCUMULATION

ACUTE TOXICITY TO FISH

ACUTE TOXICITY TO CRUSTACEA

ALGAL GROWTH INHIBITION

ACTIVATED SEWAGE SLUDGE RESPIRATION INHIBITION

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL
Dispose in accordance with all applicable regulations.

CONTAINER DISPOSAL
Empty containers should be disposed of in accordance with all applicable laws and regulations.

SECTION 14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS
Land: No classification assigned.
Sea: No classification assigned.
Air: No classification assigned.

UN CLASSIFICATION NUMBER
None

SECTION 15. REGULATORY INFORMATION

REACH (EU)

ECL (Korea)

TSCA(USA)

IECSC (P.R.China)

DSL(Canada)

AICS(Australia)

PICCS (Philippine)

SWISS (Switzerland)

NZIoC (New Zealand)

ENCS (Japan)

SECTION 16. OTHER INFORMATION

The information set forth herein is given in good faith but no warranty, expressed or implied, is made.