1. Identification

Product identifier used on the label

Polytex

Recommended use of the chemical and restriction on use
Recommended use*: Detergents

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
Chemetall U.S., Inc.
675 Central Avenue
New Providence, NJ 07974 – USA

Telephone: +1 800 526-4473
E-mail address: michael.l.chang@basf.com

Emergency telephone number

Telephone: 800-424-9300, 1-703-527-3887

Other means of identification

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Colour	yellow
Odour	mild
Hazard Summary	Burns eyes. Irritating to skin. Harmful if swallowed.

GHS Classification

Skin irritation : Category 2

Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : Causes skin irritation.
Causes serious eye irritation.

Precautionary statements : **Prevention:**
Wash skin thoroughly after handling.
Wear eye protection/ face protection.
Wear protective gloves.
Response:
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation occurs: Get medical advice/ attention.
If eye irritation persists: Get medical advice/ attention.
Take off contaminated clothing and wash before reuse.

Potential Health Effects

Inhalation : no

Skin : yes

Ingestion : yes

Aggravated Medical Condition : None known.

Carcinogenicity:

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH Confirmed animal carcinogen with unknown relevance to humans

Ammonium dimolybdate 27546-07-2

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :

Hazardous components

Component	CAS-No.	Weight percent
Trade Secret Registry	735517-5124P	1 - 5
Phosphoric acid	7664-38-2	1 - 5
Phosphoric acid, ammonium salt	10124-31-9	1 - 5

Unidentified ingredients are considered not hazardous, or not required to be listed under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret.

Exact percentage of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

In case of skin contact : First treatment with calcium gluconate paste.
Wash off immediately with plenty of water for at least 15 minutes.
Get medical attention immediately if irritation develops and persists

In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.
Keep eye wide open while rinsing.
Seek medical advice.

If swallowed : Rinse mouth.
Drink plenty of water.
Obtain medical attention.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Further information : In the event of fire, cool tanks with water spray.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and : Use personal protective equipment.
Ventilate the area.

emergency procedures
Methods and materials for containment and cleaning up : Soak up with inert absorbent material.
Keep in suitable, closed containers for disposal.
Flush with plenty of water.

Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Add this product to surface of solution slowly to avoid spattering
Do not add large amounts of product to solution at any one time.
Use with adequate ventillation.

Conditions for safe storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Store indoors in a cool, well-ventilated place

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Phosphoric acid	7664-38-2	TWA	1.000000 mg/m3	ACGIH
		STEL	3.000000 mg/m3	ACGIH
		TWA	1.000000 mg/m3	NIOSH REL
		ST	3.000000 mg/m3	NIOSH REL
		TWA	1.000000 mg/m3	OSHA Z-1
		TWA	1.000000 mg/m3	OSHA P0
		STEL	3.000000 mg/m3	OSHA P0
		PEL	1.000000 mg/m3	CAL PEL
		STEL	3.000000 mg/m3	CAL PEL
Ammonium dimolybdate	27546-07-2	TWA	5.000000 mg/m3 (Molybdenum)	OSHA Z-1
		TWA (Respirable fraction)	0.500000 mg/m3 (Molybdenum)	ACGIH
		TWA	5.000000 mg/m3 (Molybdenum)	OSHA P0
		TWA	5.000000 mg/m3 (Molybdenum)	OSHA Z-1
		TWA (Respirable fraction)	0.500000 mg/m3 (Molybdenum)	ACGIH
		TWA	5.000000 mg/m3 (Molybdenum)	OSHA P0
		PEL	0.500000 mg/m3 (Molybdenum)	CAL PEL

Personal protective equipment

Respiratory protection	:	If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn only for a short period of time.
Hand protection Remarks	:	Impervious gloves
Eye protection	:	Chemical resistant goggles must be worn.
Skin and body protection	:	Chemical resistant apron
Hygiene measures	:	Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Wear suitable protective clothing. Wash hands before breaks and immediately after handling the product. Provide adequate ventilation. Do not inhale fumes. Keep away from food and drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	yellow
Odour	:	mild
pH	:	3.0, Concentration: 40.00000 g/l
Freezing point	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	does not flash
Evaporation rate	:	GLP: No information available.
Upper explosion limit	:	Not applicable.
Lower explosion limit	:	Not applicable.
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Relative density	:	1.133
Bulk density	:	9.43 lb/gal
Solubility(ies)		
Water solubility	:	completely soluble
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity, dynamic	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	:	freezing
Incompatible materials	:	Bases
Hazardous decomposition products	:	Oxides of phosphorus Carbon oxides Sulphur oxides ammonia

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	:	Acute toxicity estimate : > 5,000.000000 mg/kg Method: Calculation method
Acute dermal toxicity	:	Acute toxicity estimate : > 5,000.000000 mg/kg Method: Calculation method

Components:

Phosphoric acid:

Acute oral toxicity	:	LD50 Rat: 1,530.000000 mg/kg
Acute dermal toxicity	:	LD50 Rabbit: 2,740.000000 mg/kg

Phosphoric acid, ammonium salt:

Acute oral toxicity	:	LD50 Rat: 1,530.000000 mg/kg
Acute dermal toxicity	:	LD50 Rabbit: 2,740.000000 mg/kg

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water : Remarks: No data available

Other adverse effects

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

SECTION 15. REGULATORY INFORMATION

TSCA Status : All components of this material comply with US TSCA requirements.

OSHA Hazards : Harmful by ingestion., Harmful by skin absorption, Corrosive to

skin, Moderate eye irritant

WHMIS Classification : D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Hydrofluoric acid	7664-39-3	100	28,571

SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Hydrofluoric acid	7664-39-3	100	28,571

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : The following components are subject to reporting levels established by SARA Title III, Section 302:
Hydrofluoric acid 7664-39-3

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Phosphoric acid	7664-38-2
Hydrofluoric acid	7664-39-3

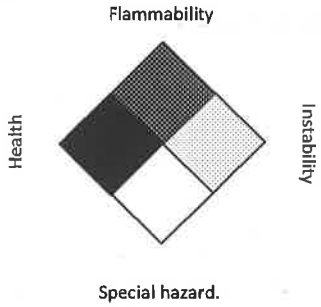
Pennsylvania Right To Know

water	7732-18-5
Trade secret registry	735517-5190P
Trade Secret Registry	735517-5022P
Phosphoric acid	7664-38-2
Hydrofluoric acid	7664-39-3

New Jersey Right To Know

water	7732-18-5
Trade secret registry	735517-5190P
Trade Secret Registry	735517-5022P
Trade Secret	Not Available
Trade Secret Registry	735517-5124P
Phosphoric acid	7664-38-2

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

C

SECTION 16. OTHER INFORMATION

Further information

Version *1.1*
Revision Date 12/19/2017

SDS Prepared by:
Chemetall (now part of BASF Group) NA Product Regulations
SDS Prepared on: 2018/01/18

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The content of this Safety Data Sheet (SDS) is based on an existing document from an acquired company with adaptations to Section I. The data is currently under validation.

END OF DATA SHEET