

Version Number 1.0 Reviewed on 05/13/2021

1 Identification

Product identifier

Trade name: PREPRUFE® SCS Hydrophilic Grout Part A Activator

SDS ID Number: 46306

Relevant identified uses of the substance or mixture, and uses advised against:

Specialty construction product. Not intended for other uses.

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

GCP Applied Technologies 62 Whittemore Avenue Cambridge, MA 02140 USA

GCP Canada, Inc. 294 Clements Road W. Ajax, Ontario L1S 3C6 Canada

Information department:

Environmental Health & Safety USA: +1-617-876-1400 (24 hours)

+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts

CAN: 1-905-683-8561 (24 hours) Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

The product is not classified, according to the Globally Harmonized System (GHS).

Label elements:

Hazard pictograms Not applicable.

Not applicable.

Hazard statements Not applicable.

Hazard description:

NFPA ratings (scale 0 - 4)



Health = 1 Fire = 1 Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 1 Flammability = 1 Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

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Trade name: PREPRUFE® SCS Hydrophilic Grout Part A Activator

vPvB: Not applicable.

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3 Composition/information on ingredients

Chemical characterization: Mixture

Hazardous components:

102-71-6 Triethanolamine

70-<80%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation: No special measures required.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Information for doctor:

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards arising from the substance or mixture

Combustion products may include toxic gases such as carbon monoxide and smoke.

Advice for firefighters

Protective equipment: Wear personal protective equipment.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

Dispose of the collected material according to regulations.

Reference to other sections

See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling No special precautions are necessary if used correctly.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Information about storage in one common storage facility: No special measures required.

Further information about storage conditions: Keep receptacle tightly sealed.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:		
102-71-6 Triethanolamine		
EL (Canada)	Long-term value: 5 mg/m ³	
EV (Canada)	Long-term value: 3.1 mg/m³, 0.5 ppm	
TLV (USA)	Long-term value: 5 mg/m ³	

Additional information:

The lists that were valid during the creation were used as basis.

Canadian employers must consult the exposure limits in their province.

Exposure controls

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves Rubber or other impervious gloves should be worn to prevent skin contact.

Eve protection:



Safety glasses with side shield protection.

Body protection: Use personal protective equipment as required.

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9 Physical and chemical properties		
Information on basic physical	Information on basic physical and chemical properties	
General Information Appearance: Form: Color: Odor: Odor threshold:	Liquid According to product specification Characteristic Not determined.	
pH-value (~):	Not determined.	
Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point:	Undetermined. 310 °C (590 °F) 176 °C (348.8 °F)	
Flammability (solid, gaseous):	Not applicable.	
Ignition temperature:	305 °C (581 °F)	
Decomposition temperature: Auto igniting: Danger of explosion:	Not determined. Product is not self-igniting. Product does not present an explosion hazard.	
Explosion limits: Lower: Upper:	2.1 Vol % Not applicable. 10.6 Vol % Not applicable.	
Vapor pressure: Density: (~) at 20 °C (68 °F) Vapor density Evaporation rate	Not determined. 1.1 g/cm³ (9.2 lbs/gal) Not determined. Not applicable.	
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/water): Not determined.		
Viscosity: Dynamic: Kinematic: Molecular weight	Not determined. Not determined. Not determined.	
Other information	No further relevant information available.	

10 Stability and reactivity

Reactivity

Stable under normal conditions.

No further relevant information available.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

No further relevant information available.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

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Trade name: PREPRUFE® SCS Hydrophilic Grout Part A Activator

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Hazardous decomposition products: Carbon monoxide and carbon dioxide

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC	LD/LC50 values relevant for classification:			
102-71-	102-71-6 Triethanolamine			
Oral	LD50	5,300 mg/kg (guinea pig)		
		6,400 mg/kg (rat - male)		
Dermal	LD50	>10,000 mg/kg (rabbit)		
	LC50, 96h	11,800 mg/l (fish)		

Primary irritant effect:

on the skin: No irritating effect expected on the eye: No irritating effect expected inhalation: No irritating effect expected

Additional toxicological information:

102-71-6 Triethanolamine

NOEC/NOEL 16 mg/l (crustaceans) (Chronic NOEC)

Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity:
Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

		==	
111-42-2	Diethanolamine	2B	
102-71-6	Triethanolamine	3	

NTP (National Toxicology Program)

K-Known to be carcinogenic, K-May reasonably be anticipated to be carcinogenic

None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

12 Ecological information

Toxicity

Aquatic to	xicity:	
102-71-6 Triethanolamine		
EC50, 72h	512 mg/l (algae)	
EC50, 48h	609.88 mg/l (daphnia magna)	

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment

PBT: Not applicable.

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Trade name: PREPRUFE® SCS Hydrophilic Grout Part A Activator

Other adverse effects No further relevant information available.

vPvB: Not applicable.

s; Not applicable.

13 Disposal considerations

Disposal methods:

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

UN-Number

Remarks: Not DOT regulated in drums/totes

DOT UN3082 IMDG, IATA Not applicable.

UN proper shipping name

Remarks: Not DOR regulated in drums/totes

DOT Environmentally hazardous substance, liquid, n.o.s. (Diethanolamine)

IMDG, IATA Not applicable.

Transport hazard class(es)

DOT



Class 9 Miscellaneous

Label

Remarks: Bulk shipments above 2163 gallons exceeding the reportable quantity for Diethanolamine

(RQ=100 pounds) are regulated as HazMats.

IMDG, IATA

Class Not applicable.

Packing group

DOT

IMDG, IATA Not applicable.

Environmental hazards: No additional hazards.

Special precautions for user Not applicable.

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Trade name: PREPRUFE® SCS Hydrophilic Grout Part A Activator

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Transport/Additional information:

DOT

Remarks: Not Regulated.

15 Regulatory information

Other regulations in domestic and foreign countries

SARA (Superfund Amendments and Reauthorization Act)

Section 302/304 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

SARA Section 312/Tier I & II Hazard Categories: None

North America Chemical Inventory Status

TSCA (Toxic Substances Control Act - United States):

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

Right to Know Ingredient Disclosure:

7732-18-5 Water

California Proposition 65: (Substances < 0.1% unless noted in Section 3)

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Carcinogenicity Categories

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)

Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable

Triethanolamine

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards.

If no g/L value is provided this product is not subject to above standard.

16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:

GCP Applied Technologies 62 Whittemore Avenue Cambridge, MA 02140 USA USA: +1-617-876-1400 (24 hours)

1 000 254 5414

+1-800-354-5414

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Contact:

The first date of preparation 05/13/2021

Number of revision times and the latest revision date $1.0 \ / \ 05/13/2021$

USGHS



Version Number 1.0 Printing date 03/29/2017 Reviewed on 03/29/2017

1 Identification

Product identifier

Trade name: Preprufe SCS Hydrophilic Grout Part B Activator

SDS ID Number: 46307

Relevant identified uses of the substance or mixture, and uses advised against

Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet

Manufacturer/Supplier: GCP Applied Technologies 62 Whittemore Avenue

Cambridge, MA 02140 USA

GCP Canada, Inc. 294 Clements Road W. Ajax, Ontario L1S 3C6 Canada

Information department:

Environmental Health & Safety USA: +1-617-876-1400 (24 hours)

+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts

CAN: 1-905-683-8561 (24 hours) Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

May intensify fire; oxidizer.

Toxic if swallowed.

May cause allergy or asthma symptoms or breathing difficulties if

May cause an allergic skin reaction.

Label elements:

Hazard pictograms







GHS03

GHS06 GHS08

Danger

Hazard statements

May intensify fire; oxidizer.

Toxic if swallowed.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

Precautionary statements

Take any precaution to avoid mixing with combustibles.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves/protective clothing/eye protection/face protection.

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Keep away from heat.

[In case of inadequate ventilation] wear respiratory protection.

Keep/Store away from clothing/combustible materials.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

IF ON SKIN: Wash with plenty of water.

NFPA ratings (scale 0 - 4)



Health = 1 Fire = 3 Reactivity = 0

The substance possesses oxidizing properties.

HMIS-ratings (scale 0 - 4)



Health = *1 Flammability = 3 Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable. **vPvB:** Not applicable.

3 Composition/information on ingredients

Chemical characterization: Mixture

Description: Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

Hazardous components:

7775-27-1 disodium peroxodisulphate

50-100%

Additional information: Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

4 First-aid measures

Description of first aid measures

General information: Get medical advice/attention if you feel unwell.

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

After eye contact:

Rinse opened eye for several minutes under running water.

Rinse cautiously with water for several minutes.

After swallowing:

Do NOT induce vomiting.

Immediately call a doctor.

Never give anything by mouth to an unconscious person.

Information for doctor:

Most important symptoms and effects, both acute and delayed Harmful if swallowed.

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Trade name: Preprufe SCS Hydrophilic Grout Part B Activator

(Cont. from page 2)

Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

Special hazards arising from the substance or mixture No further relevant information available.

Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

Methods and material for containment and cleaning up:

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the SDS.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Handling:

Precautions for safe handling

Open and handle receptacle with care.

Do not breathe dust.

Prevent formation of dust.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Information about storage in one common storage facility: No special measures required.

Further information about storage conditions: Keep receptacle tightly sealed.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

7775-27-1 disodium peroxodisulphate

TLV (USA) Long-term value: 0.1 mg/m³

as Persulfates

Additional information: The lists that were valid during the creation were used as basis.

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(Cont. from page 3)

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Avoid contact with the eyes and skin.

The usual precautionary measures for handling chemicals should be followed.

Breathing equipment:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands: Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Eye protection:



Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.



A face shield should also be worn if there is potential exposure to splash or spray.

Body protection:

Protective work clothing

Use personal protective equipment as required.

Take off contaminated clothing.

9 Physical and chemical properties

Information on basic physical and chemical properties		
General Information		
Appearance:		
Form:	Powder	
Color:	Colorless	
Odor:	Pungent	
Odor threshold:	Not determined.	
pH-value (~) at 20 $^{\circ}$ C (68 $^{\circ}$ F):	6	
Change in condition Melting point/Melting range: Boiling point/Boiling range: Flash point:	Undetermined. Undetermined. Not determined	
Flammability (solid, gaseous):	Contact with combustible material may cause fire.	
Decomposition temperature: Auto igniting: Danger of explosion:	Not determined. Product is not self-igniting. Not determined.	
		(Cont. on page 5)

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Trade name: Preprufe SCS Hydrophilic Grout Part B Activator

		(Cont. from page 4)
Explosion limits: Lower: Upper: VOC Content (max):	Not determined. Not determined. Not determined.	
Vapor pressure: Density: (~) at 20 °C (68 °F) Relative density Vapor density Evaporation rate	Not applicable. 2.6 g/cm³ (21.697 lbs/gal) Not determined. Not applicable. Not applicable.	
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/water): Not determined.		
Viscosity: Dynamic: Kinematic: Molecular weight	Not applicable. Not applicable. 238.09 g/mol Not applicable.	
Other information	No further relevant information available.	

10 Stability and reactivity

Reactivity Stable under normal conditions.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions No further relevant information available.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

Additional information: See section 7 for information on handling, storage and conditions to be avoided.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: No irritating effect expected on the eye: No irritating effect expected inhalation: No irritating effect expected

Ingestion: Toxic if swallowed.

Sensitization:

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

Additional toxicological information: Toxic

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Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity:

Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

None of the ingredients is listed.

NTP (National Toxicology Program)

K-Known to be carcinogenic, R-May reasonably be anticipated to be carcinogenic

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable. **vPvB:** Not applicable.

Other adverse effects No further relevant information available.

13 Disposal considerations

Disposal methods:

Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

UN1505

14 Transport information

UN-Number DOT, IMDG, IATA

UN proper shipping name

DOT Sodium persulfate

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IMDG, IATA	SODIUM PERSULPHATE
Transport hazard class(es)	
DOT	
OXIZZING AGENT	
Class Label	5.1 Oxidizing substances 5.1
IMDG, IATA	
Class Label	5.1 Oxidizing substances 5.1
Packing group DOT, IMDG, IATA	III
Environmental hazards: Marine pollutant:	No
Special precautions for user Danger code (Kemler): EMS Number:	Warning: Oxidizing substances 50 F-A,S-Q
Transport/Additional information: Not classified as a dangerous good for transport by road, rail or air.	
IMDG Limited quantities (LQ) Excepted quantities (EQ)	5 kg Code: E1 Maximum net quantity per inner packaging: 30 g Maximum net quantity per outer packaging: 1000 g
UN "Model Regulation":	UN1505, Sodium persulfate, 5.1, III

15 Regulatory information

 $SARA \ (Superfund \ Amendments \ and \ Reauthorization \ Act)$

Section 302/304 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

SARA Section 312/Tier I & II Hazard Categories:

Physical Hazard - Oxidizer (solid, liquid, or gas)

Health Hazard - Acute toxicity (any route of exposure)

Health Hazard - Respiratory or Skin Sensitization

North America Chemical Inventory Status

TSCA (Toxic Substances Control Act - United States):

All ingredients are listed or exempt from listing unless otherwise noted below.

CEPA (Canadian DSL):

All ingredients are listed or exempt from listing unless otherwise noted below.

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(Cont. from page 7)

California Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenicity Categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)

Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable

None of the ingredients is listed.

NIOSH-Cancer (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Volatile Organic Compounds (VOC) reported per the Emission Standards.

If no g/L value is provided this product is not subject to above standard.

16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

Department issuing SDS:

GCP Applied Technologies 62 Whittemore Avenue Cambridge, MA 02140 USA USA: +1-617-876-1400 (24 hours)

+1-800-354-5414

Date of preparation / last revision 03/29/2017 / -

The first date of preparation 01/07/2011

Number of revision times and the latest revision date 1.0 / 03/29/2017

USGHS