

BLUESTONE PRODUCTS™
A TCC Materials Company
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December 2020

Section 1: Product Identification

Product Identifier: Product Form; Mixture, Cleaning Compound.

Product Name:
ProSpec[®] Liquid Set Retarder

Section 2: Hazard Identification

Classification of the Substance or Mixture

This product has been evaluated according to GHS and 29CFR1910.1200, Appendix A, and classified as:

Skin Corr. / Irrit.	2	Skin corrosion / irritation
Eye Dam. / Irrit	2A	Serious eye damage / eye irritation
Skin Sens.	1B	Skin sensitization

Label Elements

Pictogram:



Signal Word: Warning

Hazard Statement:

H319	Causes serious eye irritation
H315	Causes skin irritation
H317	May cause an allergic skin reaction

Precautionary Statements (Prevention):

P280 Wear protective gloves and eye/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

Section 3: Hazardous Ingredients/Composition

Ingredient	Typical Percentage	CAS #
Phosphonic acid [nitrilotris(methylene)]	0.0-5.0%	6419-19-8
Sodium Hydroxide	0.0-0.5%	1310-73-2
Phosphonic Acid	0.0-0.1%	13598-36-2
4-chloro-3-methyl phenol	0.0-0.1%	59-50-7

Section 4: First Aid Measures

Description of First Aid Measures

First-aid Measures General:

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

Eye contact:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Skin Contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should an organic solvent be used. If irritation develops, seek medical attention.

Inhalation:

If difficulties occur after vapor / aerosol has been inhaled, remove to fresh air and seek medical attention.

Ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting.

Most Important Symptoms and Effects, both Acute and Delayed:

The most important known symptoms and effects are described in the labeling (see section 2) and / or in section 11.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible)

Section 5: Fire Fighting Measures

Suitable Fire Extinguishing Media:

Appropriate for surrounding materials (carbon dioxide, water spray, dry chemical, foam).

Unsuitable Fire Extinguishing Media:

Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising from the Substance or Mixture:

Hazards during fire-fighting:

Harmful vapors, nitrogen oxides, fumes / smoke, carbon black, carbon oxides.

See SDS section 10 – Stability and reactivity

Fire Hazard:

Not considered flammable but may burn at high temperatures.

Explosion Hazard:

Product is not explosive

Advice for Fire-Fighters:**Precautionary Measures Fire:**

Exercise caution when fighting any chemical fire.

Firefighting Instructions:

Use water spray or fog for cooling exposed containers.

Protection During Firefighting:

Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information:

Refer to Section 9 for flammability properties.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures**General Measures:**

Avoid all contact with skin, eyes, or clothing. Avoid breathing vapor, mist, or spray.

For Non-emergency Personnel

Protective Equipment:

Use appropriate personal protection equipment (PPE).

Emergency Procedures:

Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment:

Equip cleanup crew with proper protection.

Emergency Procedures:

Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Materials for Containment and Cleaning Up

Contain any spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers and soak up with absorbent material.

Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Section 7: Handling and Storage

Precautions for Safe Handling

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas after use with mild soap and water. Do not eat, drink, or use tobacco products when handling any chemical products.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:

Comply with applicable regulations.

Storage Conditions:

Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Specific End Use(s)

Concrete admixture

Flammability:	Not flammable.
Vapor pressure:	No data available.
Vapor density:	(Air=1) >1
Relative vapor density at 20°C:	No data available.
Relative density:	No data available.
Specific gravity:	Water (1) 1.035
Solubility in Water:	Complete
Partition coefficient: N-octanol/water:	No data available.
Viscosity:	That of water.
VOC's:	None.

Section 10: Stability and Reactivity

Reactivity:

Hazardous reactions will not occur under normal conditions.

Corrosion to metals:

Corrosive effect on mild steel, aluminum. The product is not to be labeled as corrosive for transport purposes.

Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions to Avoid:

Direct sunlight. Extremely high or low temperatures.

Incompatibility:

Strong acids. Strong bases. Strong oxidizers. Strong reducers.

Hazardous Decomposition Products:

Possible decomposition products: phosphines, carbon oxides

Thermal decomposition: no decomposition if stored and handled as prescribed / indicated

Section 11: Toxicological Information

Information on Toxicological Effects

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity / Effects

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met. The product has not been tested. The statement has been derived from the properties of the individual components.

Skin Corrosion/Irritation:	Not Classified
Serious Eye Damage/Irritation:	Not Classified
Respiratory or Skin Sensitization:	Not Classified
Germ Cell Mutagenicity:	Not Classified
Carcinogenicity:	Not Classified
Reproductive Toxicity:	Not Classified
Specific Target Organ Toxicity (Single Exposure):	Not Classified
Specific Target Organ Toxicity (Repeated Exposure):	Not Classified
Aspiration Hazard:	Not Classified
Symptoms/Injuries After Inhalation:	May cause respiratory irritation.
Symptoms/Injuries After Skin Contact:	May cause skin irritation.
Symptoms/Injuries After Eye Contact:	May cause eye irritation.
Symptoms/Injuries After Ingestion:	Virtually nontoxic after a single ingestion
Chronic Symptoms:	None expected under normal conditions of use.

Section 12: Ecological Information

Toxicity:	No additional information available.
Persistence and degradability:	Biodegradable.
Bioaccumulation:	Based on ingredients, not likely to bioaccumulate.
Mobility in soil:	No additional information available.
Other adverse effects:	Avoid release to the environment.

Section 13: Disposal Considerations

Waste treatment methods

Waste Disposal Recommendations:

Dispose of waste material in accordance with all local, regional, national, and international regulations. Do not sewer or dump on the ground.

Ecology – Waste Materials:

Avoid release to the environment

Section 14: Transportation

In Accordance with DOT:	Not regulated for transport
In Accordance with IMDG:	Not regulated for transport
In Accordance with IATA:	Not regulated for transport

Based on test results this mixture is not regulated by DOT when shipped by truck, rail or ocean freight. Ref. 49 CFR 173.364(A), 173.137 ATSM G-31, Draize skin rabbit. When shipped by air consult other DOT regulations.

Proper Shipping Name: Compound Cleaning Liquid NOI

Section 15: Regulatory Information

US Federal Regulations

US State Regulations:

Neither this product nor its chemical components appear on any US state lists.

TSCA (Toxic Substance Control Act):

All components of this product are listed on the U.S. Toxic Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

SARA TITLE III (Superfund Amendments and Reauthorization Act):

311/312 Hazard Categories

None

313 Reportable Ingredients:

CERCLA (Comprehensive Response Compensation and Liability Act):

None

CPR (Canadian Controlled Products Regulations)

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. WHMIS Classification: D2B

IDL (Canadian Ingredient Disclosure List)

Components of this product identified by CAS number listed on the Canadian Ingredient Disclosure List are shown in Section 3.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 3 unless otherwise indicated.

EINECES (European Inventory of Existing Commercial Chemical Substances):

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

WGK Water Quality Index: 1 Vbk Index: Not applicable

The state of California requires the following statement (Proposition 65) regarding this material:



WARNING: Cancer - www.P65Warnings.ca.gov

Risk Phrases	Symbols Required for Label	Safety Phrases
R36/38 Irritating to eyes and skin	None	S2 Keep out of reach of children.
		S46 If swallowed, seek medical advice immediately and show this container or label.
		S34/37/39 Wear suitable protective clothing, gloves, and eye protection.

Section 16: Other Information

Additional information on the product is available at. www.tccmaterials.com

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