

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

SECTION 1: Identification

1.1 Product identifier

Trade name

Blair SC Lo pH Presoak

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

Relevant identified uses

low pH vehicle cleaner

Uses advised against

do not use for products which come into direct contact with the skin

1.3 Details of the supplier of the safety data sheet

Blair Enterprises LLC
8496 Sweet Clover Way
Parker CO 80314

303-525-0927
bblair9@msn.com

1.4 Emergency telephone number

Emergency information service

USA 1.800.535.5053, INTL 1.352.323.3500
24 hour emergency telephone number.

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Annex	-	Hazard class and category	-	Hazard statement code(s)	
B.16		substance or mixture corrosive to metals	Cat. 1	(Met. Corr. 1)	H290
A.11		acute toxicity (inhal.)	Cat. 3	(Acute Tox. 3)	H331
A.2		skin corrosion/irritation	Cat. 1B	(Skin Corr. 1B)	H314
A.3		serious eye damage/eye irritation	Cat. 1	(Eye Dam. 1)	H318
A.6		carcinogenicity	Cat. 1A	(Carc. 1A)	H350

Remarks

For full text of H-phrases: see SECTION 16.

Hazards not otherwise classified

May be harmful if swallowed (GHS category 5: acutely toxic - oral).

Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word

danger

Pictograms

GHS05, GHS06,
GHS08



Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.
H331 Toxic if inhaled.
H350 May cause cancer.

Precautionary statements

Precautionary statements - prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep only in original container.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/eye protection/face protection.

Precautionary statements - response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage.

Precautionary statements - storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Store in corrosive resistant container with a resistant inner liner.

Precautionary statements - disposal

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

Hazardous ingredients for labelling

sulphuric acid , Alcohols, C9-11 ethoxylated, phosphoric acid

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Hazard class and category	Hazard statement	Notes
phosphoric acid	CAS No 7664-38-2 EC No 231-633-2 REACH Reg.	10 - < 25	B.16 Met. Corr. 1 A.10 Acute Tox. 4 A.11 Acute Tox. 2 A.2 Skin Corr. 1B	H290 H302 H330 H314	IOELV

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Name of substance	Identifier	Wt%	Hazard class and category	Hazard statement	Notes
	No 01- 2119485924- 24-xxxx				
sulphuric acid	CAS No 7664-93-9 EC No 231-639-5 REACH Reg. No 01- 2119458838- 20-xxxx	10 – < 25	A.11 Acute Tox. 3 A.2 Skin Corr. 1A A.3 Eye Dam. 1 A.6 Carc. 1A	H331 H314 H318 H350	** B(a) IARC: 1 IOELV
Alcohols, C9-11 ethoxylated	CAS No 68439-46-3 REACH Reg. No 01- 2119980051- 45-xxxx	1 – < 5	A.10 Acute Tox. 4 A.1D Acute Tox. 4 A.3 Eye Dam. 1	H302 H312 H318	
dipropylene glycol monomethyl ether	CAS No 34590-94-8 EC No 252-104-2 REACH Reg. No 01- 2119991100- 47-xxxx	1 – < 5	B.6 Flam. Liq. 4	H227	IOELV
fatty acids, C12-18, Me esters, sulfonated, sodium salt	CAS No 149458-07-1 EC No 604-693-6	1 – < 5	B.6 Flam. Liq. 4 A.2 Skin Irrit. 2 A.3 Eye Irrit. 2A	H227 H315 H319	
sodium 1-octanesulfonate	CAS No 5324-84-5	1 – < 5	B.6 Flam. Liq. 4	H227	
benzenesulfonic acid, C10-16-alkyl derivs.	CAS No 68584-22-5 EC No 271-528-9 REACH Reg. No 01- 2119492632- 34-xxxx	0 – < 1	A.10 Acute Tox. 3 A.2 Skin Corr. 1A A.3 Eye Dam. 1	H301 H314 H318	

Notes

**:
Mists from strong inorganic acids.

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Notes

B(a): The classification refers to an aqueous solution.
IARC: 1: IARC group 1: carcinogenic to humans (International Agency for Research on Cancer).
IOELV: Substance with a community indicative occupational exposure limit value.

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.

SECTION 4: First-aid measures

4.1

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

Following eye contact

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Substance or mixture corrosive to metals.

Hazardous combustion products

nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂), phosphorus oxides (P_xO_y)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas. Never add water to this product.

Handling of incompatible substances or mixtures

Do not mix with alkali.

Keep away from

caustic solutions

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

• Corrosive conditions

Store in corrosive resistant container with a resistant inner liner.

Incompatible substances or mixtures

Observe compatible storage of chemicals.

Control of the effects

Protect against external exposure, such as

frost

Consideration of other advice

Ventilation requirements

Keep any substance that emits harmful vapors or gases in a place that allows these to be permanently extracted.

Packaging compatibilities

Only packagings which are approved (e.g. acc. to DOT) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Source
US	dipropylene glycol methyl ether	34590-94-8	PEL	100	600			29 CFR 1910.1000
US	phosphoric acid	7664-38-2	PEL		1			29 CFR 1910.1000
US	sulfuric acid	7664-93-9	PEL		1			29 CFR 1910.1000

Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.
TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

Relevant DNELs/DMELs/PNECs and other threshold levels

No data available.

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Eye/face protection

Wear eye/face protection.

Skin protection

• hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	liquid
Color	dark amber
Odor	characteristic

Other physical and chemical parameters

pH (value)	<0.85 (25 °C) (acid)
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	>100 °C at 101.3 kPa (closed cup)
Evaporation rate	not determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limits	
• lower explosion limit (LEL)	1.1 vol%
• upper explosion limit (UEL)	3 vol%
Vapor pressure	31.69 hPa at 25 °C
Density	1.15 – 1.16 g/cm ³ at 25 °C
Solubility(ies)	
Water solubility	miscible in any proportion
Partition coefficient	
n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	270 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". substance or mixture corrosive to metals

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

10.5 Incompatible materials

oxidizers

Release of flammable materials with

light metals (due to the release of hydrogen in an acid/alkaline medium)

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Toxic if inhaled.

Acute toxicity estimate (ATE)

inhalation: vapor 2.637 mg//4h

inhalation: dust/mist 1.056 mg//4h

Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	ATE
phosphoric acid	7664-38-2	oral	1,530 mg/kg
phosphoric acid	7664-38-2	inhalation: vapor	0.5 mg//4h
phosphoric acid	7664-38-2	inhalation: dust/mist	0.2125 mg//4h
sulphuric acid	7664-93-9	inhalation: vapor	3 mg//4h
sulphuric acid	7664-93-9	inhalation: dust/mist	0.85 mg//4h
Alcohols, C9-11 ethoxylated	68439-46-3	oral	1,200 mg/kg

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Name of substance	CAS No	Exposure route	ATE
Alcohols, C9-11 ethoxylated	68439-46-3	dermal	2,000 mg/kg
benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	oral	200 mg/kg

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties

May cause cancer.

Shall not be classified as germ cell mutagenic.

Shall not be classified as a reproductive toxicant.

Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs

Name of substance	Name acc. to inventory	CAS No	wt%	Classification	Remarks	Number
sulphuric acid	Strong-inorganic-acid mists containing sulfuric acid	7664-93-9	13.88	1		Volume 54, 100F

Legend

1 Carcinogenic to humans.

- OSHA Carcinogens (United States) none of the ingredients are listed

Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute)

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
phosphoric acid	7664-38-2	EC50	>100 mg/l	aquatic invertebrates	48 h
phosphoric acid	7664-38-2	ErC50	>100 mg/l	algae	72 h
sulphuric acid	7664-93-9	EC50	>100 mg/l	aquatic invertebrates	48 h
sulphuric acid	7664-93-9	ErC50	>100 mg/l	algae	72 h

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
Alcohols, C9-11 ethoxylated	68439-46-3	LC50	7 mg/l	fish	96 h
Alcohols, C9-11 ethoxylated	68439-46-3	EC50	2.5 mg/l	aquatic invertebrates	48 h
dipropylene glycol monomethyl ether	34590-94-8	LC50	>150 mg/l	fish	72 h
dipropylene glycol monomethyl ether	34590-94-8	ErC50	>969 mg/l	algae	72 h
fatty acids, C12-18, Me esters, sulfonated, sodium salt	149458-07-1	LC50	1.7 mg/l	rainbow trout	96 h
fatty acids, C12-18, Me esters, sulfonated, sodium salt	149458-07-1	LC50	4.3 mg/l	daphnia magna	48 h
fatty acids, C12-18, Me esters, sulfonated, sodium salt	149458-07-1	EC50	0.71 mg/l	algae	72 h
benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	EC50	47.3 mg/l	algae	72 h
benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	EC50	2.4 mg/l	daphnia	48 h
benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	LC50	1.67 mg/l	fish	96 h

Aquatic toxicity (chronic)

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
fatty acids, C12-18, Me esters, sulfonated, sodium salt	149458-07-1	EC50	0.25 – 0.8 mg/l	daphnia magna	21 d
benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5	EC50	5,000 mg/l	microorganisms	8 h

12.2 Persistence and degradability

Degradability of components of the mixture

Name of substance	CAS No	Process	Degradation rate	Time
dipropylene glycol monomethyl ether	34590-94-8	oxygen depletion	75 %	10 d
dipropylene glycol monomethyl ether	34590-94-8	DOC removal	96 %	28 d
dipropylene glycol monomethyl ether	34590-94-8	carbon dioxide generation	76 %	28 d

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
Alcohols, C9-11 ethoxylated	68439-46-3		3.75	
dipropylene glycol monomethyl ether	34590-94-8		0.0061 (25 °C)	
benzenesulfonic acid, C10-16-alkyl derivs.	68584-22-5		14.66 (25 °C)	

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1	UN number	2922
14.2	UN proper shipping name	Corrosive liquid, toxic, n.o.s.
	Technical name (hazardous constituents)	sulphuric acid , phosphoric acid
14.3	Transport hazard class(es)	
	Class	8 (corrosive substances)
	Subsidiary risk(s)	6.1 (acute toxicity)
14.4	Packing group	II (substance presenting medium danger)
14.5	Environmental hazards	none (non-environmentally hazardous acc. to the dangerous goods regulations)
14.6	Special precautions for user	
	There is no additional information.	
14.7	Transport in bulk according to Annex II of MARPOL and the IBC Code	
	The cargo is not intended to be carried in bulk.	

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Information for each of the UN Model Regulations

• Transport of dangerous goods by road or rail (49 CFR US DOT)

Index number 2922
Proper shipping name Corrosive liquid, toxic, n.o.s.
Class 8
Packing group II
Danger label(s) 8+6.1



Special provisions (SP) B3, IB2, T7, TP2
ERG No 154

• International Maritime Dangerous Goods Code (IMDG)

UN number 2922
Proper shipping name CORROSIVE LIQUID, TOXIC, N.O.S.
Class 8
Subsidiary risk(s) 6.1
Packing group II
Danger label(s) 8+6.1



Special provisions (SP) 274
Excepted quantities (EQ) E2
Limited quantities (LQ) 1 L
EmS F-A, S-B
Stowage category B

• International Civil Aviation Organization (ICAO-IATA/DGR)

UN number 2922
Proper shipping name Corrosive liquid, toxic, n.o.s.
Class 8
Subsidiary risk(s) 6.1
Packing group II
Danger label(s) 8+6.1



Special provisions (SP) A3
Excepted quantities (EQ) E2
Limited quantities (LQ) 0,5 L

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Toxic Substance Control Act (TSCA)

all ingredients are listed

SARA TITLE III (Superfund Amendment and Reauthorization Act)

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304)

Name of substance	CAS No	Notes	Reportable quantity (pounds)	Threshold planning quantity (pounds)
sulphuric acid	7664-93-9		1,000	1000

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313)

Name of substance	CAS No	Wt%	Remarks	Effective date
sulphuric acid	7664-93-9	13.88	acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size	1986-12-31

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)

Section 102(A) Hazardous Substances (40 CFR 302.4)

Name of substance	CAS No	Remarks	Statutory code	Final RQ pounds (Kg)
sulphuric acid	7664-93-9		1	1000 (454)
phosphoric acid	7664-38-2		1	5000 (2270)

Legend

1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act.

Clean Air Act

none of the ingredients are listed

Drug precursors, Controlled Substances Act (21 U.S.C. § 802)

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

Category	Rating	Description
Chronic	*	Chronic (long-term) health effects may result from repeated overexposure.
Health	3	Major injury likely unless prompt action is taken and medical treatment is given.
Flammability	1	Material that must be preheated before ignition can occur.
Physical hazard	1	Material that is normally stable but can become unstable (self-react) at high temperatures and pressures. Material may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.
Personal protection	-	

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)

Category	Degree of hazard	Description
Flammability	1	Material that must be preheated before ignition can occur.
Health	3	Material that, under emergency conditions, can cause serious or permanent injury.
Instability	0	Material that is normally stable, even under fire conditions.
Special hazard		

Right to Know Hazardous Substance List

Name of substance	CAS No	Remarks	Classifications
dipropylene glycol monomethyl ether	34590-94-8		F2
sulphuric acid	7664-93-9		CA CO R2
phosphoric acid	7664-38-2		CO

Legend

CA Carcinogenic.
CO Corrosive.
F2 Flammable - Second Degree.
R2 Reactive - Second Degree.

15.1.2. Proposition 65 List of chemicals 50.4

none of the ingredients are listed

Relevant European Union (EU) safety, health and environmental provisions

Classification according to GHS (1272/2008/EC, CLP)

Hazard class

substance or mixture corrosive to metals
acute toxicity (inhal.)
skin corrosion/irritation
serious eye damage/eye irritation

Category Hazard class and category

1 (Met. Corr. 1)
3 (Acute Tox. 3)
1B (Skin Corr. 1B)
1 (Eye Dam. 1)

SECTION 16: Other information, including date of preparation or last revision

16.2 Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
29 CFR 1910.1000	29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)
49 CFR US DOT	49 CFR § 40 U.S. Department of Transportation
Acute Tox.	Acute toxicity
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BOD	Biochemical Oxygen Demand
Carc.	Carcinogenicity
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Abbr.	Descriptions of used abbreviations
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	Chemical oxygen demand
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
ERG No	Emergency Response Guidebook - Number
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
Flam. Liq.	Flammable liquid
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IARC	International Agency for Research on Cancer
IARC Monographs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
log KOW	n-Octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
Met. Corr.	Substance or mixture corrosive to metals
NFPA® 704	National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)
NLP	No-Longer Polymer
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible exposure limit
PNEC	Predicted No-Effect Concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
STEL	Short-term exposure limit

Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

Blair SC Lo pH Presoak

Version number: GHS 1.0

Date of compilation: 2018-02-22

Abbr.	Descriptions of used abbreviations
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative

16.3 Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

16.4 Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

16.5

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H227	Combustible liquid.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H350	May cause cancer.

16.7

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.