

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Sani-Pak BUS Powder
Part number : SP-B77000 Series
Formula : SP/B77000/2

1.2. Recommended use and restrictions on use

Recommended use : Deodorizer.

1.3. Supplier

Supplier

Celeste Industries Corporation
8007 Industrial Park Road
Easton, Maryland 21601 USA
T 1-410-822-5775

info@celestecorp.com - www.celestecorp.com

Distributor

ITW Permatex Canada
2360 Bristol Circle, Ste 101
Oakville, ON, L6H 6M5
Canada
T 1-800-241-8334

1.4. Emergency telephone number

Emergency number : For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call CHEMTREC (24 hours) within USA and CANADA: 1-800-424-9300; Outside USA and Canada (collect call accepted): 1-703-527-3883

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

Acute Tox. 4 (Oral)
Skin Irrit. 2
Eye Dam. 1
Skin Sens. 1

2.2. GHS Label elements, including precautionary statements

GHS labelling

Hazard pictograms (GHS) :



Signal word (GHS) :

Danger

Hazard statements (GHS) :

Harmful if swallowed.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.

Precautionary statements (GHS) :

Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands, forearms and face thoroughly after handling.
Do not eat, drink or smoke when using this product
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
If swallowed: Call a poison center or doctor if you feel unwell.
Rinse mouth.

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If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
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 or doctor.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Polyethylene glycol	Polyethylene glycol Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- Polyethylene glycol 6000 Polyethylene glycol ether Polyethylene glycols PEG-10 Polyethylene glycol 400 Polyethylene glycol 8000 PEG Macrogols Ethylene oxide polymer 1,2-Ethanediol, homopolymer Macrogol PEG-9 .alpha.-Hydro-.omega.-hydroxypoly(oxyethylene) PEG-14 .alpha.-Hydro-.omega.-hydroxypoly(oxy-1,2-ethanediyl) Polyethylene oxide Poly(ethylene glycol) 400 Polyethylene glycol 115 Polyethylene glycol 35 Ethoxylated 1,2-ethanediol PEG-9M polyethylene glycol 1600 Ethylene glycol homopolymer	CAS-No.: 25322-68-3	30 – 60

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Name	Chemical name / Synonyms	Product identifier	%
2-Bromo-2-nitro-1,3-propanediol	2-Bromo-2-nitro-1,3-propanediol Bronopol Propane-1,3-diol, 2-bromo-2-nitro-1,3-Propanediol, 2-bromo-2-nitro-2-BROMO-2-NITROPROPANE-1,3-DIOL 2-Bromo-2-nitropropane-1,3-diol	CAS-No.: 52-51-7	7 - 13
Silica, amorphous, precipitated and gel	Silica, amorphous, precipitated and gel Precipitated silica Silica gel Silica gel, precipitated, crystalline free Silica, amorphous, gel Silica gel, precipitated, crystalline-free Silica gel, crystalline free Precipitated silica and silica gel Silica gel, crystalline-free Hydrated silica Amorphous silicon dioxide Synthetic amorphous silicon dioxide Silica gel, precipitated Dioxosilane Silica, amorphous and synthetic, precipitated and gel HYDRATED SILICA Silica gel, crystal-free Silicon dioxide	CAS-No.: 112926-00-8	5 – 10
Silica, amorphous	Silica, amorphous Amorphous silica Silica Silica, amorphous, fumed Silica, colloidal Silicon dioxide Silicon dioxide, amorphous SILICA Silicon(IV) oxide Un-crystalline silica Pigment White 27 Silicon dioxide (amorphous) Silicon dioxide amorphous Fumed silica SOLUM DIATOMEAE Hydrated silica	CAS-No.: 7631-86-9	5 – 10

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Name	Chemical name / Synonyms	Product identifier	%
Citric acid	Citric acid Anhydrous citric acid 2-Hydroxypropane-1,2,3-tricarboxylic acid CITRIC ACID 1,2,3-Propanetricarboxylic acid, 2-hydroxy- 2-Hydroxy-1,2,3-propanetricarboxylic acid Citric acid, anhydrous	CAS-No.: 77-92-9	1 – 5
Benzene, 1-methoxy-4-(1-propenyl)-, (E)-	Benzene, 1-methoxy-4-(1-propenyl)-, (E)- trans-Anethole (E)-Anethole Benzene, 1-methoxy-4-(1E)-1-propenyl- 1-Methoxy-4-(prop-1(trans)-enyl)benzene Benzene, 1-methoxy-4-(1E)-1-propen-1-yl- Anethole, trans- trans-Methoxy-4-(1-propenyl)benzene (E)-1-Methoxy-4-(prop-1-en-1-yl)benzene Anethole 1-Methoxy-4-(1E)-1-propen-1-ylbenzene	CAS-No.: 4180-23-8	0.1 - 1
Benzene, 1-methoxy-4-(1-propenyl)-	Benzene, 1-methoxy-4-(1-propenyl)- Anethole p-Anethole Anisole, 4-propenyl- Anisole, p-propenyl- 1-Methoxy-4-(1-propenyl)benzene Oil of aniseed Propene, 1-(p-methoxyphenyl)- p-1-Propenylanisole p-Propenylphenyl methyl ether Benzene, 1-methoxy-4-(1-propen-1-yl)- ANETHOLE Anethole (isomer unspecified, covers both cis- and trans-p-anethole) Anethole (isomer unspecified) Anethole (synthetic) 1-Methoxy-4-(prop-1-en-1-yl)benzene	CAS-No.: 104-46-1	0.1 - 1

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Name	Chemical name / Synonyms	Product identifier	%
Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates	Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates C8-10-Alkyl alcohol ethoxylate, phosphate ester Polyethyleneglycol monoalkyl (C8-10) ether phosphate Polyethylene glycol mono alkyl (C8-10) ether phosphate .alpha.-Hydroxy-.omega.-hydroxypoly(oxy-1,2-ethanediyl)alkyl (C8-10) ethers phosphate C8-10 Alkyl alcohol ethoxylate (4EO), phosphate ester	CAS-No.: 68130-47-2	0.1 - 1
Methyl benzoate	Methyl benzoate Benzoate, methyl Benzoic acid, methyl ester METHYL BENZOATE	CAS-No.: 93-58-3	0.1 < 1

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: 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.
First-aid measures after ingestion	: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a POISON CENTER/doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Immediate medical attention and special treatment, if necessary

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water fog. Foam. Dry chemical. Carbon dioxide.
Unsuitable extinguishing media	: Do not use water jet.

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According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR)

5.2. Specific hazards arising from the chemical

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Irritating vapours.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain spill, then place in a suitable container. Minimise dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Wear appropriate PPE (see Section 8).

Hygiene measures : Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place.

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According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Silica, amorphous, precipitated and gel (112926-00-8)	
USA - OSHA - Occupational Exposure Limits	
Local name	Silica, amorphous, precipitated and gel
OSHA PEL TWA	20 mppcf
OSHA PEL TWA	20 mppcf
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formula: (80 mg/m ³ / (%SiO ₂)) for mg/m ³ . CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
Polyethylene glycol (25322-68-3)	
USA - AIHA - Occupational Exposure Limits	
WEEL TWA	10 mg/m ³ (molecular weight >200-aerosol)
Silica, amorphous (7631-86-9)	
USA - IDLH - Occupational Exposure Limits	
IDLH	3000 mg/m ³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	6 mg/m ³

Exposure limit values for the other components

Ethylene oxide (75-21-8)	
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	1 ppm
OSHA PEL STEL	5 ppm (see 29 CFR 1910.1047)
Remark (OSHA)	Ethylene Oxide is subject to the standard 29 CFR 1910.1047, which may contain specific requirements for handling including protective equipment, regulated areas, monitoring and medical surveillance. The employer should review the standard and assure compliance with applicable requirements.

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.
Eye protection:
Wear eye/face protection

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Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable.
Vapour pressure	: No data available
Relative vapour density at 20°C / 68 °F	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR)

10.4. Conditions to avoid

Heat. Incompatible materials.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

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ATE US (oral)	1438.428 mg/kg bodyweight
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Methyl benzoate (93-58-3)

LD50 oral rat	1177 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 2000 mg/kg (Source: EPA_HP)
LC50 inhalation rat	> 5.57 mg/l (Exposure time: 8 h Source: CHEMVIEW)

2-Bromo-2-nitro-1,3-propanediol (52-51-7)

LD50 oral rat	180 mg/kg (Source: NLM_CIP)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 inhalation rat	> 5 g/m ³ (Exposure time: 6 h Source: NLM_CIP)

Silica, amorphous, precipitated and gel (112926-00-8)

LD50 oral rat	> 5000 mg/kg (Source: JAPAN_GHS)
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Citric acid (77-92-9)

LD50 oral rat	3 g/kg (Source: NLM_CIP)
LD50 oral	5400 mg/kg bodyweight Animal: mouse, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Remarks on results: other:, 95% CL: 4500 - 6400
LD50 dermal rat	> 2000 mg/kg (Source: EU_CLH)

Polyethylene glycol (25322-68-3)

LD50 oral rat	22 g/kg (Source: NLM_CIP)
LD50 oral	47000 mg/kg bodyweight Animal: mouse, Guideline: other:
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LD50 dermal rabbit	> 20 g/kg (Source: NLM_CIP)

Silica, amorphous (7631-86-9)

LD50 oral rat	7900 mg/kg (Source: ATSDR)
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Safety Data Sheet

According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR)

Silica, amorphous (7631-86-9)	
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	> 5000 mg/kg
LC50 inhalation rat	> 58.8 mg/l/4h
Benzene, 1-methoxy-4-(1-propenyl)- (104-46-1)	
LD50 oral rat	2090 mg/kg (Source: NLM_CIP)
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
LD50 oral rat	2090 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 4900 mg/kg (Source: ECHA_API)
LC50 inhalation rat	> 5.1 mg/l/4h
LC50 inhalation rat	≥ ppm
Skin corrosion/irritation	: Causes skin irritation.
Citric acid (77-92-9)	
pH	2.1 (conc: 0.1 M (solution))
Serious eye damage/irritation	: Causes serious eye damage.
Citric acid (77-92-9)	
pH	2.1 (conc: 0.1 M (solution))
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Silica, amorphous, precipitated and gel (112926-00-8)	
IARC group	3 - Not classifiable
Silica, amorphous (7631-86-9)	
NOAEL (chronic, oral, animal/male, 2 years)	1800 – 3000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
NOAEL (chronic, oral, animal/female, 2 years)	1800 – 3200 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified.
Polyethylene glycol (25322-68-3)	
LOAEL (animal/female, F0/P)	2000 mg/kg bodyweight Animal: rabbit, Animal sex: female
NOAEL (animal/female, F0/P)	60 mg/kg bodyweight Animal: rat, Animal sex: female
STOT-single exposure	: Not classified.
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
STOT-single exposure	May cause respiratory irritation.
Citric acid (77-92-9)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified.

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According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR)

Citric acid (77-92-9)	
LOAEL (oral, rat, 90 days)	8000 mg/kg bodyweight Animal: rat
NOAEL (oral, rat, 90 days)	4000 mg/kg bodyweight Animal: rat
Polyethylene glycol (25322-68-3)	
LOAEL (oral, rat, 90 days)	16000 mg/kg bodyweight Animal: rat, Guideline: other:
NOAEL (oral, rat, 90 days)	8000 mg/kg bodyweight Animal: rat, Guideline: other:
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	1 mg/l air Animal: rat, Guideline: other:
Silica, amorphous (7631-86-9)	
NOAEL (dermal, rat/rabbit, 90 days)	≥ 10000 mg/kg bodyweight Animal: rabbit
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
NOAEL (oral, rat, 90 days)	≈ 300 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard	: Not classified.
Viscosity, kinematic	: No data available
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.
Symptoms/effects after ingestion	: Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

Methyl benzoate (93-58-3)	
LC50 - Fish [1]	23 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA)
EC50 72h - Algae [1]	111.9 mg/l Test organisms (species): Desmodemus subspicatus (previous name: Scenedesmus subspicatus)
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
EC50 - Crustacea [1]	1.4 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	0.25 mg/l Test organisms (species): Skeletonema costatum
EC50 72h - Algae [2]	0.37 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	0.88 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	21.5 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '49 d'
Citric acid (77-92-9)	
LC50 - Fish [1]	1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus Source: OECD_SIDS)
EC50 - Other aquatic organisms [1]	> 50 mg/l Test organisms (species): other aquatic crustacea:

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According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR)

Polyethylene glycol (25322-68-3)	
LC50 - Fish [1]	> 100 mg/l Test organisms (species): Poecilia reticulata
EC50 - Crustacea [1]	> 100 mg/l Test organisms (species): Daphnia magna
EC50 96h - Algae [1]	> 100 mg/l Test organisms (species): other:
NOEC (chronic)	17475.27 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	13671.59 mg/l Test organisms (species): other: Duration: '28 d'
Silica, amorphous (7631-86-9)	
LC50 - Fish [1]	5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static] Source: IUCLID)
EC50 - Crustacea [1]	7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)
EC50 72h - Algae [1]	440 mg/l (Species: Pseudokirchneriella subcapitata)
LOEC (chronic)	149.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
LC50 - Fish [1]	≈ 7 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 - Crustacea [1]	≈ 4.25 mg/l Test organisms (species): Daphnia magna
LOEC (chronic)	≈ 2.44 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≈ 1.05 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
12.2. Persistence and degradability	
Sani-Pak BUS Powder	
Persistence and degradability	Not established.
Poly(oxy-1,2-ethanediyl), .alpha.-hydro.-omega.-hydroxy-, mono-C8-10-alkyl ethers, phosphates (68130-47-2)	
Persistence and degradability	Rapidly degradable
Methyl benzoate (93-58-3)	
Persistence and degradability	Rapidly degradable
2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
Persistence and degradability	Rapidly degradable
Silica, amorphous, precipitated and gel (112926-00-8)	
Persistence and degradability	Rapidly degradable
Citric acid (77-92-9)	
Persistence and degradability	Rapidly degradable
Polyethylene glycol (25322-68-3)	
Persistence and degradability	Rapidly degradable
Silica, amorphous (7631-86-9)	
Persistence and degradability	Rapidly degradable
Benzene, 1-methoxy-4-(1-propenyl)- (104-46-1)	
Persistence and degradability	Rapidly degradable

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Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Sani-Pak BUS Powder	
Bioaccumulative potential	Not established.

Methyl benzoate (93-58-3)	
Partition coefficient n-octanol/water	2.1

2-Bromo-2-nitro-1,3-propanediol (52-51-7)	
Partition coefficient n-octanol/water	0.22 (at 24 °C (at pH 7))

Citric acid (77-92-9)	
Partition coefficient n-octanol/water	-1.72 (at 20 °C)

Silica, amorphous (7631-86-9)	
BCF - Fish [1]	(no bioaccumulation expected)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. The generation of waste should be avoided or minimised wherever possible.

SECTION 14: Transport information

In accordance with DOT / TDG

DOT	TDG
Not regulated as per 49 CFR 171.4(c)(2)	Not regulated as per SOR/2001-286 Section 4.22(2)(b)(i)
14.1. UN number	
Not regulated	Not regulated
14.2. Proper Shipping Name	
Not regulated	Not regulated
14.3. Transport hazard class(es)	
Not regulated	Not regulated
14.4. Packing group	
Not regulated	Not regulated

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DOT	TDG
14.5. Environmental hazards	
Not regulated	Not regulated
No supplementary information available.	

14.6. Special precautions for user

DOT

Not regulated

TDG

Not regulated

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

Not applicable

SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories

15.2. International regulations

No additional information available

15.3. US State regulations



WARNING:

This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR) WHMIS

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Other information : None.
Prepared by : Nexreg Compliance Inc.
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Full text of hazard classes and H-statements	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

Sani-Pak BUS Powder

Safety Data Sheet

According to the Hazard Communication Standard and the Hazardous Products Regulations (HPR)

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