

Safety Data Sheet

Revision Date: 5.3.2021

Valid from: 5.3.2021

Version: 1

Section 1: Identification of the substance and of the company/undertaking:

1.1 Product name:

XT-3 Film Developer, Part A

1.2 Relevant identified uses of the substance or mixture and uses advised agents:

Photographic processing chemical (developer/activator). For industrial use only.

1.3 Supplier: ADOX Fotowerke GmbH, Pieskower Straße 30A, 15526 Bad Saarow

1.4 In emergency: Giftnotruf Berlin: +49 (0) 030 – 19240

For further information about this product, email info@adox.de

Section 2: Hazards identification

2.1 Classification of the chemical in accordance with paragraph (d) of 29 CFR 1910.1200:

Hazard class	Hazard category	Route of exposure
Acute toxicity	Category 4	Inhalation
Acute toxicity	Category 4	Oral
Acute toxicity	Category 4	Dermal
Eye irritation	Category 2A	--
Skin sensitisation	Category 1	--

2.2 Labelling:

Contains: Sodium sulphite (7757-83-7), Pentetic acid, pentasodium salt (140-01-2), 4-hydroxymethyl-4-methyl-1-phenyl-3-pyrazolidinone (13047-13-7), N,N-Bis(carboxymethyl)-DL-alanin, trisodium salt (164462-16-2).

Hazard statements: Harmful if inhaled. Harmful if swallowed. Harmful in contact with skin. Causes serious eye irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child if swallowed.

Precautionary statements:

Prevention: Use only outdoors or in a well-ventilated area. Use personal protective equipment as required. Wear protective gloves/ protective clothing/ eye protection/ face protection. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

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Response: IF exposed or concerned: Get medical advice/ attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulation.

HMIS III Hazard Ratings: Health - 2, Flammability - 0, Physical Hazard – 0

NFPA Hazard Ratings: Health - 3, Flammability - 0, Instability – 0

NOTE: HMIS III and NFPA 704 (2007) hazard indexes involve data review and interpretation that may vary among companies. They are intended only for rapid, general identification of the magnitude of the potential hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

Section 3: Composition/information on ingredients:

Components

Weight percent	Component	CAS-No.
30-50	Sodium sulphite	7757-83-7
3-7	N,N-Bis(carboxymethyl)-DL-alanin, trisodium salt	164462-16-2
1-3	4-hydroxymethyl-4-methyl-1-phenyl-3-pyrazolidinone	13047-13-7

Section 4: First aid measures:

Inhalation: IF INHALED: Call a POISON CENTER or doctor/ physician if you feel unwell. Call a POISON CENTER or doctor/ physician if you feel unwell

Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Skin: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before re-use.

Ingestion: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

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

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Indication of any immediate medical attention and special treatment needed:

Treatment: No information available.

Section 5: Firefighting measures

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous Combustion Products: None (noncombustible), (see also Hazardous Decomposition Products sections).

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

Unusual Fire and Explosion Hazards: None.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Refer to protective measures listed in sections 7 and 8.

Methods and materials for containment and cleaning up: Shovel into suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Environmental precautions: No information available.

Section 7: Handling and storage

Personal precautions: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Use personal protective equipment as required. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

Prevention of Fire and Explosion: No special technical protective measures required.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Keep away from incompatible substances (see Incompatibility section).

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Section 8: Exposure controls/personal protection

8.1 Occupational exposure controls: none

8.2 Appropriate engineering controls:

Good general ventilation should be used. Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances.

8.3 Individual protection measures, such as personal protective equipment:

Eye protection: Wear eye/face protection.

Hand protection: Wear protective gloves.

Respiratory protection: None should be needed. If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: N95 Particulate Filter. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: acid gas If respirators are used, a program should be instituted to assure compliance with applicable federal, state, commonwealth, provincial, or local laws and regulations.

Section 9: Physical and chemical properties

Physical form: solid (powder)

Color: off-white

Odor: odorless

Specific gravity: No data available

Vapor pressure: negligible

Vapor density: No data available

Melting point/range: No data available

Water solubility: complete

pH: Not applicable

Flash point: Not applicable

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Evaporation rate: No data available

Flammability (Solid; gas): No data available

Upper explosion limit: No data available

Lower explosion limit: No data available

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

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Section 10: Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerisation does not occur.

Conditions to avoid: No data available

Incompatible materials: Acids. Contact with strong acids liberates sulphur dioxide.

Hazardous decomposition products: Sulphur oxides

Section 11: Toxicological information

General advice:

Contains: 4-hydroxymethyl-4-methyl-1-phenyl-3-pyrazolidinone. May cause adverse reproductive effects such as infertility based on animal data. Based on repeated-dose ingestion studies in animals, this chemical may cause blood, testicular, and adverse reproductive effects.

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Inhalation: Harmful if inhaled. In contact with strong acids or if heated, sulphites may liberate sulphur dioxide gas. Sulphur dioxide gas is irritating to the respiratory tract. Some asthmatics or hypersensitive individuals may experience difficult breathing.

Eyes: Causes serious eye irritation.

Skin: Harmful in contact with skin. May cause an allergic skin reaction.

Ingestion: Harmful if swallowed. Suspected of damaging fertility or the unborn child if swallowed. Some asthmatics or sulfite-sensitive individuals may experience wheezing, chest tightness, stomach upset, hives, faintness, weakness and diarrhea.

Section 12: Ecological information

The following properties are ESTIMATED from the components of the preparations.

Potential Toxicity:

Toxicity to fish (LC50): > 100 mg/l

Toxicity to daphnia (EC50): Daphnia (water flea): 10 - 100 mg/l

Persistence and degradability: Not readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No information available.

Section 13: Disposal considerations

Verfahren der Abfallbehandlung

Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Section 14: Transport information

Not regulated for all modes of transportation.

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Section 15: Regulatory information

Regulatory List	Notification status
TSCA	Not all listed
DSL	Not all listed
NDSL	None listed
EINECS	Not all listed
ELINCS	None listed
NLP	None listed
AICS	Not all listed
IECS	None listed
ENCS	None listed
ECI	Not all listed
NZIoC	None listed
PICCS	None listed

"Not all listed" indicates one or more component is either not on the public Inventory or is subject to exemption requirements.

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Section 1: Identification of the substance and of the company/undertaking:

1.1 Product name:

XT-3 Film Developer, Part B

1.2 Relevant identified uses of the substance or mixture and uses advised agents:

Photographic processing chemical (developer/activator). For industrial use only.

1.3 Supplier: ADOX Fotowerke GmbH, Pieskower Straße 30A, 15526 Bad Saarow

1.4 In emergency: Giftnotruf Berlin: +49 (0) 030 – 19240

For further information about this product, email info@adox.de

Section 2: Hazards identification

2.1 Classification of the chemical in accordance with paragraph (d) of 29 CFR 1910.1200:

Hazard class	Hazard category	Route of exposure
Acute toxicity	Category 4	Inhalation
Acute toxicity	Category 4	Oral
Acute toxicity	Category 4	Dermal
Eye irritation	Category 2	--
Skin sensitisation	Category 1	--

2.2 Labelling:

Contains: Sodium sulphite (7757-83-7), Sodium metabisulphite (7681-57-4)

Symbol(s):



Signal word: Danger

Hazard statements: Harmful if inhaled. Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye damage.

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Precautionary statements:

Prevention: Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. 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/ physician. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Wash contaminated clothing before reuse. IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards which do not result in classification: Powdered material may form explosive dust-air mixtures.

HMIS III Hazard Ratings: Health - 1, Flammability - 1, Physical Hazard – 0

NFPA Hazard Ratings: Health - 3, Flammability - 1, Instability – 0

NOTE: HMIS III and NFPA 704 (2007) hazard indexes involve data review and interpretation that may vary among companies. They are intended only for rapid, general identification of the magnitude of the potential hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

Section 3: Composition/information on ingredients:

Components

Weight percent	Component	CAS-No.
75-80	Sodium sulphite	7757-83-7
10-15	Sodium isoascorbate	6381-77-7
1-5	Sodium metabisulphite	7681-57-4

Section 4: First aid measures:

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician.

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Eyes: 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/ physician.

Skin: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before re-use.

Ingestion: IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.

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

Indication of any immediate medical attention and special treatment needed:

Treatment: No information available.

Section 5: Firefighting measures

Extinguishing Media: Water spray, Carbon dioxide (CO₂), Dry chemical.

Hazardous Combustion Products: Carbon oxides, Sulphur oxides, (see also Hazardous Decomposition Products sections.)

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

Unusual Fire and Explosion Hazards: Dust may form explosive mixture in air.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Refer to protective measures listed in sections 7 and 8.

Methods and materials for containment and cleaning up: Shovel into suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Environmental precautions: No information available.

Section 7: Handling and storage

Personal precautions: Avoid breathing dust. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

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Prevention of Fire and Explosion: Dust may form explosive mixture in air. Minimize dust generation and accumulation. Use only with adequate ventilation. Keep away from sources of ignition - No smoking. Refer to NFPA 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids." Keep from contact with oxidizing materials.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Keep away from incompatible substances (see Incompatibility section).

Section 8: Exposure controls/personal protection

8.1 Occupational exposure controls:

Chemical name	Regulatory List	Value Type	Value
Sodium metabisulphite	ACGIH	Time weighted average	5 mg/m ³
Sulphur dioxide	OSHA	Short term exposure limit	0,25 ppm
		Time weighted average	5ppm 13mg/m ³

8.2 Appropriate engineering controls:

Good general ventilation should be used. Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances.

8.3 Individual protection measures, such as personal protective equipment:

Eye protection: Wear safety glasses with side shields (or goggles). Wear eye/face protection.

Hand protection: Wear protective gloves.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: N95 Particulate Filter. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: acid gas See Stability and Reactivity Section. If respirators are used, a program should be instituted to assure compliance with applicable federal, state, commonwealth, provincial, or local laws and regulations.

Section 9: Physical and chemical properties

Physical form: solid (powder)

Color: off-white

Odor: odorless

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Specific gravity: No data available

Vapor pressure: negligible

Vapor density: No data available

Melting point/range: No data available

Water solubility: complete

pH: Not applicable

Flash point: Not applicable

Evaporation rate: No data available

Flammability (Solid; gas): No data available

Upper explosion limit: No data available

Lower explosion limit: No data available

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

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Section 10: Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerisation does not occur.

Conditions to avoid: No data available

Incompatible materials: Acids, Strong oxidizing agents. Contact with strong acids liberates sulphur dioxide.

Hazardous decomposition products: Sulphur oxides

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Section 11: Toxicological information

General advice:

Contains: Sodium metabisulphite. In contact with strong acids or if heated, sulphites may liberate sulphur dioxide gas. Sulphur dioxide gas is irritating to the respiratory tract. Some asthmatics or hypersensitive individuals may experience difficult breathing.

Inhalation: Harmful if inhaled. In contact with strong acids or if heated, sulphites may liberate sulphur dioxide gas. Sulphur dioxide gas is irritating to the respiratory tract. Some asthmatics or hypersensitive individuals may experience difficult breathing.

Eyes: Causes serious eye damage.

Skin: Harmful in contact with skin. Causes skin irritation.

Ingestion: Harmful if swallowed. Suspected of damaging fertility or the unborn child if swallowed. Some asthmatics or sulfite-sensitive individuals may experience wheezing, chest tightness, stomach upset, hives, faintness, weakness and diarrhea.

Section 12: Ecological information

The following properties are ESTIMATED from the components of the preparations.

Potential Toxicity:

Toxicity to fish (LC50): > 100 mg/l

Toxicity to daphnia (EC50): Daphnia (water flea): 10 - 100 mg/l

Persistence and degradability: Not readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No information available.

Section 13: Disposal considerations

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Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Section 14: Transport information

Not regulated for all modes of transportation.

Section 15: Regulatory information

Regulatory List	Notification status
TSCA	All listed
DSL	All listed
NDSL	None listed
EINECS	All listed
ELINCS	None listed
NLP	None listed
AICS	All listed
IECS	All listed
ENCS	All listed
ECI	All listed
NZIoC	All listed
PICCS	All listed
TSCA 12(b)	Listed

"Not all listed" indicates one or more component is either not on the public Inventory or is subject to exemption requirements.

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Section 1: Identification of the substance and of the company/undertaking:

1.1 Product name:

XT-3 Film Developer, Working Solution.

1.2 Relevant identified uses of the substance or mixture and uses advised agents:

Photographic processing chemical (developer/activator). For industrial use only.

1.3 Supplier: ADOX Fotowerke GmbH, Pieskower Straße 30A, 15526 Bad Saarow

1.4 In emergency: Giftnotruf Berlin: +49 (0) 030 – 19240

For further information about this product, email info@adox.de

Section 2: Hazards identification

2.1 Classification of the chemical in accordance with paragraph (d) of 29 CFR 1910.1200:

Hazard class	Hazard category	Route of exposure
Acute toxicity	Category 4	Inhalation
Acute toxicity	Category 4	Oral
Acute toxicity	Category 4	Dermal
Eye irritation	Category 2	--
Skin sensitisation	Category 1	--

2.1 Labelling:

Symbol(s):



Signal word: Warning

Hazard statements: Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye damage.

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Precautionary statements:

Prevention: Use personal protective equipment as required. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Response: If exposed or concerned: Get medical advice/ attention.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulation.

Other hazards which do not result in classification: Powdered material may form explosive dust-air mixtures.

HMIS III Hazard Ratings: Health - 1, Flammability - 0, Physical Hazard – 0

NFPA Hazard Ratings: Health - 3, Flammability - 0, Instability – 0

NOTE: HMIS III and NFPA 704 (2007) hazard indexes involve data review and interpretation that may vary among companies. They are intended only for rapid, general identification of the magnitude of the potential hazards. To adequately address safe handling, ALL information in this MSDS must be considered.

Section 3: Composition/information on ingredients:

Components

Weight percent	Component	CAS-No.
5-10	Sodium sulphite	7757-83-7
0,1-1	Sodium isoascorbate	6381-77-7
0,1-1	Sodium metabisulphite	7681-57-4
0,1-1	N,N-Bis(carboxymethyl)-DL-alanin, trisodium salt	164462-16-2

Section 4: First aid measures:

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Eyes: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lens, if worn. Get medical attention if symptoms occur.

Skin: Wash off with soap and water. Get medical attention if symptoms occur.

Ingestion: If swallowed, DO NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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

Indication of any immediate medical attention and special treatment needed:

Treatment: No information available.

Section 5: Firefighting measures

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous Combustion Products: None (noncombustible), (see also Hazardous Decomposition Products sections.)

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

Unusual Fire and Explosion Hazards: None.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Refer to protective measures listed in sections 7 and 8.

Methods and materials for containment and cleaning up: Shovel into suitable container for disposal. Clean surface thoroughly to remove residual contamination.

Environmental precautions: No information available.

Section 7: Handling and storage

Personal precautions: Avoid prolonged or repeated breathing of mist or vapor. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product.

Prevention of Fire and Explosion: No special technical protective measures required.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Keep away from incompatible substances (see Incompatibility section).

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Section 8: Exposure controls/personal protection

8.1 Appropriate engineering controls:

Good general ventilation should be used. Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances.

8.2 Individual protection measures, such as personal protective equipment:

Eye protection: Wear safety glasses with side shields (or goggles). Wear eye/face protection.

Hand protection: For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

Respiratory protection: None should be needed under normal conditions of use. If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. A respirator should be worn if hazardous decomposition products are likely to be or have been released. Respirator type: acid gas If respirators are used, a program should be instituted to assure compliance with applicable federal, state, commonwealth, provincial, or local laws and regulations.

Section 9: Physical and chemical properties

Physical form: liquid

Color: colorless to slightly yellow

Odor: odorless

Specific gravity: 1.079 – 1.083

Vapor pressure: No data available

Vapor density: No data available

Boiling point/range: > 35 °C (> 95.0 °F) (estimated)

Water solubility: complete

pH: 8.2 - 8.4

Flash point: Does not flash

Evaporation rate: No data available

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Flammability (Solid; gas): No data available

Upper explosion limit: No data available

Lower explosion limit: No data available

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

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Section 10: Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization does not occur.

Conditions to avoid: No data available

Incompatible materials: Acids, Strong oxidizing agents. Contact with strong acids liberates sulphur dioxide.

Hazardous decomposition products: Sulphur oxides

Section 11: Toxicological information

General advice:

Contains: Sodium metabisulphite. In contact with strong acids or if heated, sulphites may liberate sulphur dioxide gas. Sulphur dioxide gas is irritating to the respiratory tract. Some asthmatics or hypersensitive individuals may experience difficult breathing.

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Inhalation: Expected to be a low hazard for recommended handling. In contact with strong acids or if heated, sulphites may liberate sulphur dioxide gas. Sulphur dioxide gas is irritating to the respiratory tract. Some asthmatics or hypersensitive individuals may experience difficult breathing. sulphur dioxide gas. Sulphur dioxide gas is irritating to the respiratory tract. Some asthmatics or hypersensitive individuals may experience difficult breathing.

Eyes: No specific hazard known. May cause transient irritation.

Skin: Expected to be a low hazard for recommended handling

Ingestion: Suspected of damaging fertility or the unborn child if swallowed. Some asthmatics or sulfite-sensitive individuals may experience wheezing, chest tightness, stomach upset, hives, faintness, weakness and diarrhea.

Section 12: Ecological information

The following properties are ESTIMATED from the components of the preparations.

Potential Toxicity:

Toxicity to fish (LC50): > 100 mg/l

Toxicity to daphnia (EC50): Daphnia (water flea): > 100 mg/l

Persistence and degradability: Readily biodegradable.

Bioaccumulative potential: No data available.

Mobility in soil: No information available.

Section 13: Disposal considerations

Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Section 14: Transport information

Not regulated for all modes of transportation.

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Section 15: Regulatory information

Regulatory List	Notification status
TSCA	All listed
DSL	All listed
NDSL	None listed
EINECS	All listed
ELINCS	None listed
NLP	None listed
AICS	All listed
IECS	All listed
ENCS	All listed
ECI	All listed
NZIoC	All listed
PICCS	All listed
TSCA 12(b)	Listed

"Not all listed" indicates one or more component is either not on the public Inventory or is subject to exemption requirements.