

Safety Data Sheet

Section 1. Identification		
Product Identifier	Oxygen Scavenger	Version: 7 Effective Date: 25 January 2021
Other Means Of Identification	None	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommended Use and Restrictions On Use	Oxygen Scavenger. No restrictions	
Product Family	Blend	
Emergency Phone	1-855-887-2055 Monday - Friday 8:00am - 4:30pm MST	

Section 2. Hazard Identification	
Hazard Classification	No symbols assigned.
Health Hazards	Acute Toxicity -Oral - Category 5 Acute Toxicity -Inhalation - Category 5 Eye Damage / Irritation - Category 2B
Signal Word	Warning
Hazard Statement	May be harmful if swallowed or if inhaled. Causes eye irritation.
Precautionary Prevention Statement	Wash hands thoroughly after handling.
Precautionary Response Statement	Call a doctor if you feel unwell. IF INHALED: Call a doctor 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 attention.
Precautionary Storage Statement	No statements
Precautionary Disposal Statement	No statements.
Other Hazards	None



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Section 3. Composition / Information on Ingredients			
Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifier	% by weight
Sodium Sulphite		7757-83-7	60 - 100
Ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures	
Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Flush area with water. If irritation persists seek medical attention. Launder clothing before reuse.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. If conscious give two glasses of water. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	May cause eye irritation.
Immediate Medical Attention and Special Treatment	Wash affected area with plenty of water.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Dry chemical, carbon dioxide, foam, or water.
Hazardous Combustion Products	Oxides of sulphur.
Specific Hazards Arising From The Product	In case of fire, product emits oxides of sulphur.
Special Protective Equipment and Precautions For Fire-Fighters	Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.



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Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	For clean-up, gloves and safety glasses should be worn.
Environmental Precautions	Do not allow large quantities of the material to enter surface watercourse and sewer systems.
Methods and Materials For Containment and Clean-Up	Contain and absorb material. Place in a suitable container for disposal. Flush area with water. Wet area may be slippery

Section 7. Handling and Storage	
Precautions For Safe Handling	Handle with care.
Conditions For Safe Storage	Keep containers closed when not in use. Keep away from acids and oxidizers. Do not freeze.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	TWA: 8 Hr	STEL: 15 min	Ceiling	IDLH *
	No data available.			
Exposure Controls	Local exhaust ventilation			
Appropriate Engineering Controls	None required.			
Individual Protective Measures	Not required under normal conditions of use. In case of spillage:			
Eye / Face Protection	Safety glasses			
Skin Protection	Wear gloves			
Respiratory Protection	Wear dust mask.			

Section 9. Physical and Chemical Properties	
Appearance	Pale yellow to pale brown, opaque liquid
Odour	Mild odour
Odour Threshold	Not available.
pH	10 (5% solution)
Flash Point	N/A
Boiling Point and Boiling Range	100 °C
Melting Point and Freezing Point	0 °C



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Evaporation Rate	Not determined
Flammability (solid, gas)	Not flammable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	Not determined
Vapour Density	Not determined
Relative Density	1.230
Solubility	Completely soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	Not determined
Decomposition Temperature	No data
Viscosity	N/A

Section 10. Stability and Reactivity	
Reactivity	Reacts with acids with liberation of toxic oxides of sulphur.
Chemical Stability	The product is stable
Possibility of Hazardous Reactions	None
Conditions to Avoid	Oxidizing agents
Incompatible Materials	None
Hazardous Decomposition Products	Decomposition will produce oxides of sulphur

Section 11. Toxicological Information			
Component Toxicity	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium Sulphite	820mg/kg (Mouse) 2825 mg/kg (Rabbit)	>1000 mg/kg (Rabbit)	
Likely Routes of Exposure			
Skin:	May cause moderate irritation to the skin. Potential skin sensitizer. May cause dermatitis.		
Eyes:	May cause stinging if in contact with eyes.		
Inhalation:	Dusts or mists are irritating to mucous membranes. Repeated exposure may result in respiratory sensitization.		
Ingestion:	May cause gastrointestinal irritation. Very large doses may cause diarrhoea, depression, colic, and death. May also cause severe allergic reactions in sensitive individuals.		
Acute Toxicity Estimates (ATE)	Not toxic		

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STOT (Specific Target Organ Toxicity) – Single Exposure	Exposure to asthmatic, atopic and sulphite sensitive individuals may result in severe bronchoconstriction and reduced levels of forced expiratory volume.
Aspiration Toxicity	No data
STOT (Specific Target Organ Toxicity) – Repeated Exposure	No data
Skin Corrosion / Irritation	Not hazardous
Serious Eye Damage / Irritation	May cause eye irritation
Respiratory or Skin Sensitization	Prolonged exposure may cause dermatitis or sensitization.
Carcinogenicity	Not listed.
Reproductive Toxicity	
- Sexual Function and Fertility	No data
- Development of Offspring	No data
- Effects on or via Lactation	No data
Germ Cell Mutagenicity	No data
Interactive Effects	No data
Other Information	N/A

Section 12. Ecological Information	
Ecotoxicity	Daphnia magna 48 hour static acute bioassay LC50: = 203, no effect level = 32 mg/l Rainbow Trout 96 hour static acute bioassay LC50: = 58, no effect level= 32 mg/l
Persistence and Degradability	Readily degradable
Bioacumulative Potential	No data
Biodegradability	No data
Mobility in Soil	No data
Special Remarks	COD (mg/g): 109
Other Adverse Effects	None known

Section 13. Disposal Considerations	
Disposal Considerations	Dispose of contents / containers in accordance with local regulations.

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Section 14. Transport Information	
UN Number	None
UN Proper Shipping Name	None
Transport Hazard Class(es)	None
Packaging Group	None
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	Not applicable

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt
TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information	
NFPA Rating	Health-1/ Flammability-0/Reactivity-0/Special Hazard-Not applicable
HMIS Rating	Health-1/Flammability-0/Reactivity-0/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	16 February, 2012
Date of Latest Revision:	25 January 2021
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