Safety Data Sheet

Issued Date: November 9, 2015 Revision Date: November 9, 2015 Version 1

1. IDENTIFICATION

Product Identifier

Product Name F-433B Oxygen Safety Dry Bleach

Other means of identification

Product Code F-433B

Recommended use of the chemical and restrictions on use

Recommended Use Bleaching product for washing color and white clothes for industrial use.

Details of the supplier of the safety data sheet

Missouri Vocational Enterprises
2727 Highway K
Bonne Terre, MO 63628
Phone: (573) 358-5516

Emergency Telephone Number

INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDOUS IDENTIFICATION

Signal Word WARNING

Classification	Hazard Category
Skin - Corrosion/Irritation	2
Serious Eye Damage/Irritation	1
Acute Toxicity – Oral	4

Health Hazard Statement(s)

H272 – May intensify fire; oxidizer.
H302 – Harmful if swallowed.
H318 – Causes serious eye damage.

Hazard Pictogram(s)

Hazard Ratings

	HMIS	NFPA
Health	2	2
Flammability	0	0
Reactivity	0	0
PPE	X	N/A

Precautionary Statement(s)

P210 – Keep away from heat/sparks/open flames/hot surfaces. –No smoking.
P260 – Do not breathe dust/fume/gas/mist/vapors/spray.
P264 – Wash face, hands and any exposed skin thoroughly after handling.
P270 – Do not eat, drink, or smoke when using this product.
P280 – Wear protective gloves/protective clothing/ eye protection/face protection.
P301+P330+P331 – IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P303+P361+P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.
P310 – Immediately call a POISON CENTER or doctor/physician.
P501 – Dispose of contents/container to an approved waste disposal site.

Potential Health Effects

Skin Contact May cause skin corrosion/irritation/burns.
Eye Contact May cause eye damage.
Inhalation May cause respiratory irritation.
Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name/Pure Substance	CAS #	Weight-%
Sodium Carbonate Anhydrous	497-19-8	50-55
Provox, Provox C	15630-89-4	25-30
Sodium Sulfate	7757-82-6	20-25
Valfor 100 Zeolite NaA	1318-02-1	0-5

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

General Advice If you feel unwell, seek medical advice (show label where possible).

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Skin Contact Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Inhalation 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.

Ingestion Rinse mouth. Do NOT induce vomiting. Give lots of water to drink. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects

Symptoms Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. Prolonged contact may even cause severe skin irritation or mild burn.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media that is appropriate to local circumstances.
Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical

Components of this product may decompose upon heating to produce corrosive and/or toxic fumes. Carbon oxides, sodium oxide, and sulfur oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Keep unnecessary personnel away. Do not get in eyes, on skin, or on clothing. Avoid creation of dust. Avoid breathing dust. Do not eat, drink, or smoke in areas where this material is used. Wash thoroughly after handling. Wet material may pose a slipping hazard.
Environmental precautions	Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

Methods and material for containment and clean up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Clean up	Shovel dry material into suitable container. Avoid creation of dusts. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Use only in well ventilated areas. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Do not allow water to get into container. If liner is present, tie after each use. Store containers on pallets. Keep away from food, drink, and animal feed. Store locked up.
Incompatible Materials	Keep away from heat, sparks, and open flames. Aluminum, powdered aluminum, acids, and strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
-	-	-	-

Appropriate engineering controls

Engineering Controls	Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear approved safety goggles.
Skin and Body Protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations	Do not eat, drink, or smoke when using this product. Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State	Solid	**Odor**	Not determined
Color	White	**Odor Threshold**	Not Determined

Property	Values	Remarks - Method

pH	10-11	1% solution
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	2.3	
Water Solubility	Complete	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity	Promotes combustion. Substance has basic reaction.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Avoid raising dust. Keep away from flames and heat. Exposure to moisture.
Incompatible materials	Strong acids, strong alkalis, aluminum, powdered aluminum, hydrides and other water-reactive compounds. Combustible materials, oxidizing agents.
Hazardous Decomposition Products	Sodium oxides, carbon oxides. Oxidation resulting in increased fire or explosion risk.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity

Toxicological data have not been determined specifically for this product.

12. ECOLOGICAL INFORMATION

Ectotoxicity

Ecological studies have not been carried out on this product.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions	Dispose of in accordance with applicable local, regional, national, and international regulations.
Hazardous Waste Code	Not available.
Waste from residues / unused products	Use or reuse if possible. Damp material should be neutralized to a non-oxidizing state.
Contaminated Packaging	Dispose of container in accordance with applicable local, regional, national, and/or international regulations. Container rinsate must be disposed of in compliance with applicable regulations.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
DOT I.D. Number	Not available.
DOT Proper Shipping Name	Not available.
DOT Hazard Classes:	
US DOT	Not available.
Road (ADR)	Not available.
Air (ICAO/IMDG)	Not available.
Sea (IMO/IMDG)	Not available.
Packing Group	Not available.
DOT Label	Not available.

15. REGULATORY INFORMATION

U.S. Federal Regulations

Contents of this SDS comply with OSHA Hazard Communication Standard CFR 1910.1200.

OSHA Hazard Communication Standard (29 CFR 1910.1200)

(X) Hazardous ( ) Non- Hazardous

SARA TITLE III

Section 302/304	Extremely Hazardous Substances: None.
Section 311/312	(40CFR370) Hazardous Categories: Acute.
Section 313	Contains the following SARA 313 Toxic Release Chemicals: None.

CERCLA

CERCLA Regulatory	Based on information supplied this product contains no substances regulated under CERCLA.

State Regulations

California Prop 65

This product may contain the following ingredient(s) known to the state of California to cause cancer, birth defects or other reproductive harm: None.

Inventories

Component	TSCA (United States)	DSL (Canada)	EINECS/ELINCS (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Sodium Carbonate (497-19-8)	X	X	X	X	X	X	X	X
Sodium Sulfate (7757-82-6)	X	X						
Valfor 100 Zeolite (1318-02-1)	X	X						X

16. OTHER INFORMATION

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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