

SAFETY DATA SHEETS

VITAL OXIDE

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: VITAL OXIDE
MANUFACTURER: Incredible Products LLC. ADDRESS: 1101 Lincoln Ave, Wapakoneta, OH 45895
INFORMATION PHONE: 567-297-3700 EMERGENCY PHONE: 800-424-9300
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SECTION 2: HAZARDOUS IDENTIFICATION

Classification:

Skin Irritation: N/A
Eye Irritation: Category 4
Respiratory Sensitizer (Solid/Liquid): N/A
Skin Sensitizer: N/A
Carcinogenicity: N/A
Signal Word: N/A

Hazardous Statements- Health:

H319 - May cause eye irritation

Precautionary Statements- General:

P101 - If medical advice is needed, have the product label at hand.
P103 - Read label before use.

Precautionary Statements- Prevention:

N/A

Precautionary Statements- Response:

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.

Precautionary Statements- Storage:

P405 - Store locked up.

Precautionary Statements- Disposal:

P501 - Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENT	CAS-NO=	WEIGHT=
Oxychlorine Compounds	Mixture	0.200
n-Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.125
n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride	85409-23-0	0.125
Inert Ingredients	Mixture	99.55

At these concentrations none of the ingredients are known to pose any hazards to human health.

SECTION 4: FIRST AID MEASURES

Inhalation:

Does NOT cause any respiratory irritation. If the product accidentally contacts strong acids in a restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

Skin Contact:

Does NOT cause skin irritation.

Eye Contact:

In case of contact, flush eyes with plenty of water.

Ingestion:

Non-toxic. Give a glass of water.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

N/A

UNSUITABLE EXTINGUISHING MEDIA:

N/A

Specific Hazards in Case of Fire:

N/A

FIRE-FIGHTING PROCEDURES:

N/A

SPECIAL PROTECTIVE ACTIONS:

N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure:

Spills are slippery and should be cleaned up promptly with paper towels

Recommended Equipment:

N/A

Personal Precautions:

N/A

Environmental Precautions:

N/A

SECTION 7: HANDLING AND STORAGE

GENERAL:

Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited

VENTILATION REQUIREMENTS:

N/A

STORAGE ROOM REQUIREMENTS:

Keep the container tightly closed and sealed until ready for use. Keep the container in a well-ventilated place. Do not store above 120oF or near fire or open flame. Do not transfer contents to bottles or other unlabelled containers. Do not reuse empty containers. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:

N/A

SKIN PROTECTION:

N/A

RESPIRATORY PROTECTION:

None required for normal use. If the product accidentally contacts strong acids in a restricted ventilation area, avoid breathing the vapors, and allow adequate time for the vapors to disperse before re-entering the restricted area.

APPROPRIATE ENGINEERING CONTROLS:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Exposure Limits:

Oxychlorine Compounds

PEL (OSHA): Not available
TLV (ACGIH): Not available

n-Alkyl Dimethyl Ethylbenzyl Ammonium Chloride:

PEL (OSHA): Not available
TLV (ACGIH): Not available

n-Alkyl Dimethyl Benzyl Ammonium Chloride:

PEL (OSHA): Not available
TLV (ACGIH): Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY:

1.003 @ 68°F (20°C)

BOILING POINT:

212°

EVAPORATION RATE:

Less than Ether

VAPOR DENSITY:

8.40 @ 68°F (20°C)

SOLUBILITY IN H₂O:

100%

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

This product is stable

CONDITIONS TO AVOID:

Contact with strong acids

HAZARDOUS REACTIONS/POLYMERIZATION:

Will not occur

INCOMPATIBLE MATERIALS:

Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal or other decomposition may yield chlorine dioxide or chlorine.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY TESTING – ACUTE Inhalation – Studies with Wistar Albino rats exposed to a respirable aerosol made from a solution of Vital Oxide at a level of 2.08 mg/l for four hours resulted in no deaths and no abnormal necropsy observations. **Eye Contact** – Studies with New Zealand white rabbits showed this product is a very mild ocular irritant; mild irritation was observed, but cleared within 24 hours. **Skin Contact** – Study of dermal toxicity in New Zealand white rabbits showed the product to be non-toxic: Dermal LD₅₀ > 5,000 mg/kg of body weight; Study of dermal irritation in New Zealand white rabbits showed the product is not a dermal irritant. In Dermal Sensitization studies, Vital Oxide was determined not to be a sensitizer. **Swallowing** - Acute oral toxicity in albino rats: Non-toxic LD₅₀ > 5,000 mg/kg of body weight.

EPA TOXICITY RATING – IV (For all exposure routes) This is the lowest category on the scale and is designed for substances that are the least hazardous.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Hazards: Not data available.

Environmental Fate: Not data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT Information:

Not regulated

IMDG Information:

Not regulated

IATA Information:

Not regulated

SECTION 15: REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All components appear in TSCA Inventory **OSHA:** Refer to Section 8 for exposure limits.

CERCLA SARA Hazard Category:

Section 311 and 312: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: None

Section 313: This product contains following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None

State regulations: State Right to Know information is not provided.

California prop. 65 (no significant risk level): None

International Regulations:

Canadian WHMIS: Not controlled

Canadian Environmental Protection Act (CEPA): Additional information available upon request.

EU Regulations: Additional information available upon request.

SECTION 16: OTHER INFORMATION

DISCLAIMER:

The information contained herein is based on the data available and is believed to be accurate, however, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.