

Safety Data Sheet

Date Printed: 10/30/2025

Product: WRA-OC-028

1. Identification

Product Information: WRA-OC-028

Product Name: Insitu® Clear Primer

Recommended Use: Industrial Paint or Paint Related

Application Method: Restricted to professional users

Supplied by: Modine Manufacturing Co.
1423 West Ormsby Ave.
Louisville, KY

Emergency Telephone: ChemTrec 1-800-424-9300

2. Hazards Identification

EMERGENCY OVERVIEW: No hazards to be specially mentioned.

GHS Classification
Skin Irrit. 2

Symbol(s) of Product



Signal Word
Warning

GHS HAZARD STATEMENTS

Skin Irritation, category 2 H315 Causes skin irritation.

GHS LABEL PRECAUTIONARY STATEMENTS

P264 Wash exposed skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P332+P317 If skin irritation occurs: Get medical help.

P362+P364 Take off contaminated clothing and wash it before reuse.

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	2.5-10	GHS02-GHS07	H226-302+H332-315-319
PROPYLENE GLYCOL	57-55-6	1.0-2.5	No Information	No Information
SODIUM NITRATE	7632-00-0	0.1-1.0	GHS03-GHS06	H272-301+H331
No Chemical Name Found		0.1-1.0	GHS06-GHS07	H302-311+H331-319

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - GENERAL ADVICE: Show this safety data sheet to the doctor in attendance. Do not get in eyes, on skin, or on clothing. Consult a physician. Use personal protective equipment. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. See section 8 for more information.

FIRST AID - INHALATION: Remove to fresh air. Get medical attention if symptoms occur.

FIRST AID - INGESTION: Rinse mouth with water. Consult a physician if necessary. Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Call a poison control center or doctor for treatment advice.

FIRST AID - SKIN CONTACT: Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

FIRST AID - EYE CONTACT: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub affected area. Call a physician if irritation develops or persists.

NOTES TO PHYSICIAN: Treat symptomatically. Effects of contact or inhalation may be delayed.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: The product causes irritation of eyes, skin and mucous membranes. Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentration.

SPECIAL FIREFIGHTING PROCEDURES: No Information

EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Dispose of material in accordance with all federal, state and local regulations.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: No Information

ENVIRONMENTAL PRECAUTIONS: Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system.

ADVICE FOR EMERGENCY RESPONDERS: In the event of fire, wear self-contained breathing apparatus. Refer to protective measures listed in sections 7 and 8.

PERSONAL PRECAUTIONS: Use personal protective equipment. Wash thoroughly after handling.

7. Handling and Storage



HANDLING: Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. Wash thoroughly after handling. Provide sufficient air exchange and/or exhaust in work rooms. Provide appropriate exhaust ventilation at machinery. Keep container closed when not in use.

STORAGE: Keep in properly labeled containers. Store in a well-ventilated place. Keep cool. Store between 41 and 77 °F (5 - 25° C) in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA
ETHYLENE GLYCOL BUTYL ETHER	20 ppm	N.E.	50 ppm

PROPYLENE GLYCOL
SODIUM NITRATE
No Chemical Name Found

N.E.
N.E.
N.E.

N.E.
N.E.
N.E.

N.E.
N.E.
N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.



SKIN PROTECTION: The selected protective gloves have to satisfy the specifications of EU Regulation (EU) 2016/425 and the standard EN 374 derived from it. Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Follow the skin protection plan. Wear protective gloves/ protective clothing. Long sleeved clothing.



EYE PROTECTION: Tightly fitting safety goggles. If splashes are likely to occur, wear: Face-shield.



OTHER PROTECTIVE EQUIPMENT: No Information



HYGIENIC PRACTICES: Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of workday. Regular cleaning of equipment, work area and clothing is recommended.



ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Where reasonably practicable this should be achieved by the use of local exhaust ventilation.

9. Physical and Chemical Properties

Appearance:	Opaque	Physical State:	Liquid
Odor:	Solvent	Odor Threshold:	No Information
Density, lb/gal:	8.610	pH:	No Information
Specific Gravity:	1.034	Viscosity:	No Information
Freeze Point, °C:	No Information	Partition Coefficient, n-octanol/ water:	No Information
Solubility in Water:	No Information	VOC (lb/gal)	1.09
Decomposition temperature, °C	No Information	Explosive Limits, %:	1.1 - 12.5
Boiling Range, °C:	>= 100	Flash Point:	94 °C / 201 °F
		Auto-Ignition Temperature, °C	No Information

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

REACTIVITY: Stable under normal conditions.

STABILITY: To avoid thermal decomposition, do not overheat.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological Information



Practical Experiences

MOST IMPORTANT SYMPTOMS: No Information

EFFECT OF OVEREXPOSURE - INHALATION: No Information

EFFECT OF OVEREXPOSURE - INGESTION: No Information

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Irritating to skin. May cause skin irritation. Direct skin contact may cause irritation.

EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: No Information

PRIMARY ROUTE(S) OF ENTRY: No Information

CARCINOGENICITY: This product contains a known or suspected carcinogen.

Chemical Name	ACGIH	IARC	OSHA
ETHYLENE GLYCOL BUTYL ETHER	A3	Group 3	

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Confirmed Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 - Unclassifiable as to carcinogenicity in humans

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
111-76-2	ETHYLENE GLYCOL BUTYL ETHER	470 mg/kg Rat	>2000 mg/kg Rabbit	15 (Vapor)
57-55-6	PROPYLENE GLYCOL	20000 mg/kg Rat	20800 mg/kg Rabbit	N.I.
7632-00-0	SODIUM NITRATE	85 mg/kg Rat	N.I.	5.5 mg/L Rat (Vapor)

N.I. = No Information

12. Ecological Information

ECOLOGICAL INFORMATION: No Information

PERSISTENCE AND DEGRADABILITY: No Information

BIOACCUMULATIVE POTENTIAL: No Information

MOBILITY IN SOIL: No Information

OTHER ADVERSE ECOLOGICAL EFFECTS: No Information

Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
ETHYLENE GLYCOL BUTYL ETHER 111-76-2	No Information	LC50 96 h Lepomis macrochirus 1490 mg/L, LC50 96 h Lepomis macrochirus 2950 mg/L	EC50 48 h Daphnia magna >1000 mg/L

PROPYLENE GLYCOL 57-55-6	EC50 96 h Pseudokirchneriella subcapitata 19000 mg/L	LC50 96 h Oncorhynchus mykiss 51600 mg/L, LC50 96 h Oncorhynchus mykiss 41 - 47 mL/L, LC50 96 h Pimephales promelas 51400 mg/L, LC50 96 h Pimephales promelas 710 mg/L	EC50 48 h Daphnia magna >1000 mg/L
SODIUM NITRATE 7632-00-0	No Information	LC50 96 h Oncorhynchus mykiss 0.19 mg/L, LC50 96 h Oncorhynchus mykiss 0.092 - 0.13 mg/L, LC50 96 h Oncorhynchus mykiss 0.4 - 0.6 mg/L, LC50 96 h Oncorhynchus mykiss 0.65 - 1 mg/L, LC50 96 h Pimephales promelas 2.3 mg/L, LC50 96 h Pimephales promelas 20 mg/L	No Information

13. Disposal Information



Product

DISPOSAL INFORMATION: Disposal should be in accordance with applicable regional, national and local laws and regulations. Dispose of contents/container to an approved waste disposal plant.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Dispose of material in accordance with all federal, state and local regulations.

CONTAMINATED PACKAGING: Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste:

Chemical Name	CAS-No.
ETHYLENE GLYCOL BUTYL ETHER	111-76-2
SODIUM NITRATE	7632-00-0

14. Transport Information

DOT

UN No:	N/A
Proper Shipping Name:	Not Regulated
Hazard Class:	N/A
Hazard Subclass:	N/A
Packing Group:	N/A

IMDG

UN No	N/A
IMDG/GGVSee Class:	N/A
EmS-No:	N/A
Packing Group:	N/A
Proper Shipping Name:	Not Regulated
Primary Shipping Hazard:	No Information
Marine Pollutant:	Not Applicable
Shipping Hazard (Marine Pollutant):	Not applicable

IATA

UN No	N/A
ICAO/IATA Class:	N/A
Packing Group:	N/A

Proper Shipping Name: Not Regulated
 Primary Shipping Hazard: No Information

MEX

UN No N/A
 Proper Shipping Name: Not Regulated
 Hazard Class: N/A
 Hazard Subclass: N/A
 Packing Group: N/A

15. Regulatory Information

U.S. Federal Regulations:

CAA (Clean Air Act):

U.S. -CAA (Clean Air Act) - 1990 Hazardous Air Pollutants. This product contains the following HAPs:

None

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
SODIUM NITRATE	100 lb	N/A	N/A	X

CERCLA - SARA Hazard Category:

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:

Skin Corrosion or Irritation

SARA SECTION 313:

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

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: All Components of the product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Inventory except as provided below:

Chemical Name	CAS-No.
SODIUM NITRATE	7632-00-0

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
ETHYLENE GLYCOL BUTYL ETHER	X	X	X		X
PROPYLENE GLYCOL		X	X		X
SODIUM NITRATE	X	X	X		X
DIPROPYLENE GLYCOL METHYL ETHER	X	X	X		
No Chemical Name Found					X
1,4-Dioxane		X	X	X	

CALIFORNIA PROPOSITION 65 CARCINOGENS:**WARNING**

The following ingredients present in the product are known to the state of California to cause Cancer:

No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS:**WARNING**

The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -**INTERNATIONAL INVENTORIES:**

TSCA	-
DSL	-
DSL/NDL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AICS	-
NZIoC	-
TCSI	-

Legend:

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
DSL/NDL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemicals
TCSI	Taiwan Chemical Substance Inventory

Mexico - Grade Slight risk, Grade 1

Chemical Name	CAS-No.	Carcinogenic Status	Exposure Limits
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	A3	Mexico TWA: 20 ppm
PROPYLENE GLYCOL	57-55-6	N/A	N.D.
SODIUM NITRATE	7632-00-0	N/A	N.D.
No Chemical Name Found		N/A	N.D.

16. Other Information

Revision Date: 10/30/2025 **Supersedes Date:** 10/9/2025

Datasheet produced by: Regulatory Department

NFPA Rating:

Health:	2	Flammability:	1	Instability:	0
----------------	---	----------------------	---	---------------------	---



HMIS Ratings:

Health:	2	Flammability:	1	Reactivity:	0	Personal Protection:	X
----------------	---	----------------------	---	--------------------	---	-----------------------------	---

Volatile Organic Compounds, gr/ltr: 131

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

ObjectId: 206445 131982 209172