Safety Data Sheet

Date Printed: 6/24/2025 Product: WRA-OC-030

1. Identification

Product Information: WRA-OC-030

Product Name: Insitu® CLEAR Spray Applied Corrosion Coating

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
No GHS Classifications were found

Symbol(s) of Product

No GHS Symbols Exist

Signal Word
No Signal Word has been assigned

3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
DIPROPYLENE GLYCOL BUTYL ETHER	29911-28-2	1.0-2.5	No Information	No Information
PROPYLENE GLYCOL	57-55-6	1.0-2.5	No Information	No Information
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	0.1-1.0	GHS06-GHS07	H302-315-319-331
N-Ethylmorpholine	100-74-3	0.1-1.0	GHS07	H302+H312

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: No hazards which require special first aid measures.

FIRST AID - INHALATION: Immediate medical attention is not required. Remove person to fresh air. If signs/symptoms continue, get medical attention.

FIRST AID - INGESTION: Rinse mouth with water. Consult a physician if necessary. Do NOT induce vomiting.

FIRST AID - SKIN CONTACT: Immediate medical attention is not required. Wash off with warm water and soap. In the case of skin irritation or allergic reactions see a physician.

FIRST AID - EYE CONTACT: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

NOTES TO PHYSICIAN: Treat symptomatically.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: None in particular.

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. For personal protection see section 8.

PERSONAL PRECAUTIONS: Not applicable.

7. Handling and Storage

HANDLING: Ensure adequate ventilation, especially in confined areas. Keep container closed when not in use.

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

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA
DIPROPYLENE GLYCOL BUTYL ETHER	N.E.	N.E.	N.E.
PROPYLENE GLYCOL	N.E.	N.E.	N.E.
ETHYLENE GLYCOL BUTYL ETHER	20 ppm	N.E.	50 ppm
N-Ethylmorpholine	5 ppm	N.E.	20 ppm

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: No Information

SKIN PROTECTION: Wear protective gloves/ protective clothing.

EYE PROTECTION: No special protective equipment required.

OTHER PROTECTIVE EQUIPMENT: No Information

HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice.

ENGINEERING CONTROLS: None under normal use conditions.

9. Physical and Chemical Properties

Appearance:	Opaque	**Physical State:**	Liquid
Odor:	Solvent	**Odor Threshold:**	No Information
Density, lb/gal:	8.636	**pH:**	No Information
Specific Gravity:	1.037	**Viscosity:**	No Information
Freeze Point, °C:	No Information	**Partition Coefficient, n-octanol/ water:**	No Information
Solubility in Water:	No Information		
Decomposition temperature, °C	No Information	**VOC (lb/gal)**	0.48
Boiling Range, °C:	>= 100		
		Explosive Limits, %:	2.6 - 12.5
		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: Stable under normal conditions. To avoid thermal decomposition, do not overheat.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: No Information

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

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: 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
57-55-6	PROPYLENE GLYCOL	20000 mg/kg Rat	20800 mg/kg Rabbit	N.I.
111-76-2	ETHYLENE GLYCOL BUTYL ETHER	470 mg/kg Rat	>2000 mg/kg Rabbit	N.I.
100-74-3	N-Ethylmorpholine	1780 mg/kg Rat	1924 mg/kg Rabbit	N.I.

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
DIPROPYLENE GLYCOL BUTYL ETHER 29911-28-2	No Information	LC50 96 h Poecilia reticulata 841 mg/L	No Information
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
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

13. Disposal Information

Product

DISPOSAL INFORMATION: Disposal should be in accordance with applicable regional, national and local laws and regulations.

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
N-Ethylmorpholine	100-74-3

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):	No Information

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):

None

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:

None Known

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:

No TSCA components exist in this product.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
DIPROPYLENE GLYCOL BUTYL ETHER					X
PROPYLENE GLYCOL		X	X		X
ETHYLENE GLYCOL BUTYL ETHER	X	X	X		X
N-Ethylmorpholine	X	X	X		X
SODIUM NITRATE	X	X	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/NDSL	-
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/NDSL	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 **Serious risk, Grade 4**

Chemical Name	CAS-No.	Carcinogenic Status	Exposure Limits
DIPROPYLENE GLYCOL BUTYL ETHER	29911-28-2	N/A	N.D.
PROPYLENE GLYCOL	57-55-6	N/A	N.D.
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	A3	Mexico TWA: 20 ppm
N-Ethylmorpholine	100-74-3	N/A	Mexico TWA: 5 ppm

16. Other Information

Revision Date: 6/24/2025 **Supersedes Date:** 6/10/2025

Datasheet produced by: Regulatory Department

NFPA Rating:

Health:	0	**Flammability:**	1	**Instability:**	0

HMIS Ratings:

Health:	0	**Flammability:**	1	**Reactivity:**	0	**Personal Protection:**	X

Volatile Organic Compounds, gr/ltr: 58

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: 185875 124343 185877