

OXY-SAFE RUST INHIBITOR

SAFETY DATA SHEET
Prepared: 01/15/2019
Version: 2.0



SECTION 1: IDENTIFICATION

Product Name: Oxy-Safe Rust Inhibitor
Product Numbers: 42220OX, 42221OX
Recommended use: Rust Inhibitor
Uses advised against: USES OTHER THAN INDUSTRIAL AND INSTITUTIONAL

Supplier:

Global Scuba Manufacturing of Texas LLC
4674 Prime Lane, Suite 402
Pflugerville, TX 78660
(512) 240-6644

SDS Internet website:

<http://www.global-mfg.com>

Emergency telephone number:

(512) 240-6644

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Liquid Mixture (aqueous solutions)

Label Elements

Hazard Pictograms:



Signal Word:

WARNING

Hazardous Statements:

Concentrate causes mild eye, skin and gastrointestinal irritation commonly associated with cleaners and detergents.

Precautionary Statements:

Avoid contact with eyes and prolonged contact with skin. Do not ingest. Use in well ventilated area, wear appropriate personal protection equipment (see section 8) and completely read the product label and the SDS before using, handling, or dispensing product. Wash hands thoroughly with soap and water after handling, using or dispensing product and before doing anything else. Remove and wash contaminated clothing before reuse. Keep away from food, feed and drinking water. KEEP OUT OF REACH OF CHILDREN. Aqueous solution, do not allow product to freeze. Keep containers closed when not in use and away from open flame or source of heat. Nonrefillable containers do not refill or reuse container. It is against Federal Law to use product inconsistent with its labeling.

Other Hazards:

No additional warnings needed for the concentrate or use dilution forms.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Non-GHS Classification Mixture

This mixture contains non-hazardous or small enough quantities as to meet paragraph (d) of 29 CFR §1910.1200 regulatory thresholds for disclosure. These components contain no substances of impurities which would influence the classification of this product.

SECTION 4: FIRST-AID MEASURES

Eye Contact: Flush eyes for several minutes in clear running water while holding eyelids open. Check for and remove any contact lenses.
Skin Contact: Wash immediately with soap and water. Wash clothing before reuse.

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SECTION 4: FIRST-AID MEASURES (CONTINUED)

Inhalation: Get fresh air.

Ingestion: Seek medical attention for advice. Do not induce vomiting unless told to do so by a medical professional. Never give anything by mouth to an unconscious person.

Immediate Medical Attention and Special Treatment Needed

Seek medical attention if any symptoms develop or persist for both the concentrate and use dilution forms. First aid listed is for both concentrated and use dilution forms unless stated otherwise. IN AN EMERGENCY, call 911.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical foam.

Specific Hazards: None known

Special Protective Equipment for Firefighters

As with any fire, firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus (SCBA) and full protective clothing (Bunker Gear).

Precautionary Measures for Firefighters

Keep containers cool with water spray to prevent container rupture due to steam buildup. Floors may be slippery if material is released.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions and Protective Equipment

See section 8 for appropriate personal protection equipment. Isolate area of spill and keep nonessential personnel away. Confine area as much as possible. Area of spill may be slippery.

Methods and Materials for Containment and Cleaning Up

Dike and absorb or cover with dry earth, sand or other inert material (Oil-Dri or vermiculite). Small spills can be mopped up. Caution floors may be slippery.

Clean-Up Procedures

Transfer to containers for disposal. Flush contaminated area with plenty of water. If possible, avoid wash water entering natural waterways or public water supplies. All spill containment and spill cleanup procedures must first be in accordance with federal, state, local and environmental agencies applicable laws and regulations. Always check with local water treatment plant before pouring chemicals down a drain.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Always wear appropriate PPE (see section 8). Never allow product to come into contact with drinking water, food or feed. Never mix with another product. Wash hands thoroughly after handling, using, or dispensing product and before doing anything else. KEEP OUT OF REACH OF CHILDREN. Keep container closed when not in use.

Conditions for Safe Storage

Store in original, closed container in a cool, dry area away from acids, oxidizers and direct sunlight. Keep container closed when not in use. Aqueous solution, do not allow product to freeze. Never set container near an open flame or source of heat. Open dumping is prohibited. Drums, totes, concentrate gallon, concentrate 2.5 gallon, concentrate quart and ready-to-use quart bottles are non-refillable containers. Do not refill or reuse these containers. Always completely read the product label and the SDS before using, handling, or dispensing product. It is against Federal Law to use product inconsistent with its labeling.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Local exhaust, general room ventilation is adequate.

Personal Protective Equipment

Eye Protection: Concentrate: Splash resistant chemical type goggles.
Hand Protection: Concentrate: Impervious rubber or neoprene gloves.
Skin and Body Protection: Concentrate: Splash resistant chemical type face shield.
Respiratory Protection: Concentrate: None required under normal use.
Special Requirements: Check with employer and obtain appropriate personal protection equipment for the job especially if there is sensitivity to the product. If necessary, an eye wash station and/or emergency showers should be readily available (always check with State and County laws and regulations concerning PPE or wash stations). Practice safe workplace habits. Before using, handling, or dispensing product make sure to always wash hands thoroughly with soap and water and always completely read and follow directions on container and the SDS.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid	Upper/Lower Flammability Limits	: Not established
Color	: Clear Green	Explosive Limits	: Not established
Odor	: Odorless	Vapor Pressure at 68°F	: Not established
Odor Threshold	: Not established	Vapor Density	: Not established
pH	: 11.5-13	Relative Density	: 1.15
Melting Point	: Not established	Solubility	: Complete auto-ignition
Freezing Point	: <32°F (0°C)	Partition Coefficient (n-octanol/water)	: Not established
Boiling Point	: >212°F (100°C)	Auto-Ignition Temperature	: Not established
Boiling Range	: Not established	Decomposition Temperature	: Not established
Flash Point	: >212°F (100°C)	Viscosity	: Like water
Evaporation Rate (water=1)	: Not established	% Volatile (by weight)	: Not established
Flammability	: Aqueous- not flammable		

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Product is stable.
Chemical Stability: Product is stable.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: None known.
Incompatible Materials: Strong acids, strong oxidizing agents.
Hazardous Decomposition Products: Decomposition and Polymerization will not occur if handled and stored properly.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Eye contact, skin contact, and ingestion (commonly associated with cleaners and detergents).

Delayed, Immediate, or Chronic Effects from Short- and Long-Term Exposure

Eye Contact: May cause redness and tearing.
Skin Contact: May cause redness and dryness.
Inhalation: None known
Ingestion: May cause nausea, vomiting, and diarrhea.
Sensitization: None known

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SECTION 11: TOXICOLOGICAL INFORMATION (CONTINUED)

Target Organs (SE): None known

Target Organs (RE): None known

Numerical Measures of Toxicity

None known

Carcinogenicity

No component of this product is present at levels $\geq 0.1\%$ is identified as a carcinogen or potential carcinogen by OSHA.

The information provided is based on analysis of like mixtures and on the individual ingredients. (fisher.sci.com or the EPA registrant, where applicable).

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available)

None of the ingredients used is considered a marine pollutant.

Persistence and Degradability

Readily biodegradable.

Bioaccumulative Potential

None known

Mobility in Soil

None known

Other Adverse Effects (such as hazardous to the ozone layer)

None known

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations

Do not refill or reuse the container. Disposal of container(s) must be in accordance with federal, state, local and environmental agencies applicable laws and regulations. If allowed, triple rinse empty container(s) before disposing or offering for recycling. Containers should be reconditioned by certified firms.

Additional Information

Disposal of waste must be in accordance with federal, state, local and environmental agencies applicable laws and regulations.

SECTION 14: TRANSPORT INFORMATION

Bill of Lading Information:

Aqueous solution; cleaning compound, not regulated as hazardous material

Transportation information provided is for reference only. Customer is urged to consult 49 CFR § 100-177, IMDG, IATA, EC, UN TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials, methods of shipping, etc. manufacturer is located in United States and not intended for export. If distribution outside USA, distributor assumes all responsibility for all documentation required for export.

D.O.T PICTOGRAM(S) REFERENCE TABLE

						
Corrosive	Marine Pollutant	Flammable Liquid	Flammable Solid	Combustibles	Oxidizer	Organic Peroxide

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SECTION 15: REGULATORY INFORMATION

TSCA: All ingredients are on this list or are exempt.
CERCLA: Sodium Nitrite (7632-00-0) 100 lbs
CWA: Sodium Nitrite (7632-00-0) is listed as hazardous substance but not listed as a priority pollutant or toxic pollutant
CAA: None of the ingredients are listed as air pollutants
SARA TITLE III
302/304: None known
311/312: Acute Health Hazard
313*: Sodium Nitrite (7632-00-0)
CALIFORNIA PROP 65: *Diethanolamine (111-42-2)

STATES WITH REGULATIONS OR EXCEPTIONS

Sodium Nitrite (7632-00-0) IL, MA, NJ, PA; Triethanolamine (102-71-6) MA, MN, PA *Product contains less than 1%

* Indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372. See Section 3 for CAS numbers and percent by weight.

SECTION 16: OTHER INFORMATION

SDS prepared by: J.P. Schmitz Date Prepared: 01/15/2019 Supersedes: All

HMIS

Health Hazard 2
Fire Hazard 0
Reactivity 2
PPE B

ANSI	=	American National Standards Institute	NK	=	None Known
CAS	=	Chemical Abstract Services	NTP	=	National Toxicology Program
D.O.T.	=	Department of Transportation	OSHA	=	Occupational Safety and Hazard Administration
EC	=	European Council	PEL	=	Permissible Exposure Limits
HMIS	=	Hazardous Materials Identification System	PPE	=	Personal Protection Equipment
IARC	=	International Agency for Research on Cancer	SDS	=	Safety Data Sheet
IATA	=	International Air Transport Association	TDG	=	Transportation of Dangerous Goods
IMDA	=	International Maritime Dangerous Goods	Temp	=	Temperature
N.A.	=	North America	TLV	=	Threshold Limit Values
NA	=	Not Applicable	UN	=	United Nation
ND	=	Not Determined	Wgt	=	Weight
NE	=	Not Established	WHMIS	=	Workplace Hazardous Materials Identification System
NIOSH	=	National Institute for Occupational Safety and Health			

PERSONAL PROTECTION EQUIPMENT REFERENCE TABLE

A Safety Glasses
B Safety Glasses, Gloves
C Safety Glasses, Gloves, Apron
D Face Shield, Gloves, Apron
E Safety Glasses, Gloves, Dust Respirator
F Safety Glasses, Gloves, Apron, Dust Respirator
G Safety Glasses, Gloves, Vapor Respirator
H Splash Goggle, Gloves, Apron, Vapor Respirator
I Safety Glasses, Gloves, Dust & Vapor Respirator
J Splash Goggles, Gloves, Apron, Dust & Vapor Resp
K Air Line Hood & Mask, Gloves, Full Suit, Boots
X Ask your Supervisor for Guidelines

Note: All PPE used and worn when handling any chemical product must be chemical resistant for the type of chemical component.

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SECTION 16: OTHER INFORMATION

Irritant	Corrosive	Carcinogen	Environment	Acute Toxicity	Flammable	Oxidizers
Skin Sensitizer	Eye Damage	Reproductive Toxicity	Aquatic Toxicity		Self-Reactive	
Acute Toxicity	Corrosive to Metals	Respiratory Sensitizer			Organic Peroxides	
Respiratory Tract		Aspiration Toxicity			Self-Heating	

DISCLAIMER (INDUSTRIAL AND INSTITUTIONAL USE ONLY): The manufacture makes no warranties, expressed or implied as to the accuracy, completeness, or adequacy of the information contained herein. Data and calculations have been assembled by the manufacturer based on its own studies, testing of mixtures per OSHA guidelines, and on the information furnished by the manufacturers and researchers of the components of the product as well as data from similar products. Users are advised to confirm, in advance of need, that information is current, applicable and suited to the circumstances of use. Manufacturer of this product assumes no responsibility for injury, nor liability (regardless of fault) of damages to the vendee, the vendee's employees, third persons, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information or even proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, manufacturer assumes no responsibility for injury and/or damage caused by use outside of what said products is intended for. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1. Manufacturer is located in United States and not intended for export. If distributed outside USA, distributor assumes all responsibility for all documentation including additional information needed on SDS that is required for export.

***Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(g)(2))**