GSMoT Oxy-Safe Rust Inhibitor

1. IDENTIFICATION

Product Name: Oxy-Safe Rust Inhibitor
Product Code: 42220OX
SDS#: MS-42220OX
Intended Use: Rust Inhibitor
Product Restrictions: FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
Product Description: Rust Inhibitor

Supplier:
Global Scuba Manufacturing of Texas LLC
4674 Prime Lane, Suite 402
Pflugerville, TX 78660
Phone: (512) 240-6644
SDS Internet website: http://www.global-mfg.com

Emergency telephone number: (512) 240-6644

2. HAZARDS IDENTIFICATION

Product Classification: Liquid Mixture (aqueous solutions)
Hazard Statements: Eyes, Skin, Ingestion

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. Don 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.
Signal Word: Concentrate: WARNING
Additional Warning Label: No additional warnings needed for either the concentrate or use dilution forms.

Pictogram:
Concentrate:

CONCENTRATE

HMIS RATING	
Health Hazard	**2**
Fire Hazard	**0**
Reactivity	**2**
Personal Protection	**B**
0-none, 1-slight, 2-moderate, 3-high, 4 severe	

3. COMPOSITION / INFORMATION ON INGREDIENTS

	CAS #	EINECS #	Percent (By Weight)	Classification	OSHA PEL (ppm)	ACGIH TLV (ppm)
Non GHS Classification Mixture						

Comments: 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.

4. FIRST AID MEASURES

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.
Skin Contact: Wash immediately with soap and water. Wash clothing before reuse.
Eye Contact: Flush eyes for several minutes in clear running water while holding eyelids open. Check for and remove any contact lenses.
BOTH CONCENTRATE & USE DILUTION: SEEK MEDICAL ATTENTION IF ANY SYMPTOMS DEVELOP OR PERSIST. It is always best to either carry the product container, label and/or SDS when seeking medical attention. First aid listed is for both concentrated and use dilution forms unless stated otherwise. IN AN EMERGENCY, call 911

5. FIRE-FIGHTING MEASURES

Extinguishing Method: Dry chemical foam.
Firefighting Precautions: as with any fire, firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus (SCBA) and full protective clothing (Bunker Gear). Keep containers cool with water spray to prevent container rupture due to steam buildup. Floors may be slippery if material is released.
Unusual Fire, Explosion, Combustion Hazards: None, known.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions/Protective Equipment/Emergency Procedures: 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.
Spill Containment/Cleanup Procedures: Dike and absorb or cover with dry earth, sand or other inert material (Oil-Dri or vermiculite). Transfer to containers for disposal. Small spills can be mopped up. Caution floors may be slippery. Flush contaminated area with plenty of water. If possible, avoid wash water entering natural waterways or public water supplies.
Comment: 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.

7. HANDLING AND STORAGE

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.
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.
Comments: 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Local exhaust, general room ventilation is adequate.
Respiratory: Concentrate: None required under normal use.
Skin Protection: Concentrate: Impervious rubber or neoprene gloves.
Eye Protection: Concentrate: Splash resistant chemical type goggles of face shield.
Other Protection: Concentrate: None required under normal use.
Other Procedures: 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Concentrate

Appearance	Clear Green Liquid	Flammable	Aqueous- not flammable
Odor	Odorless	Upper/Lower Limits	NE
Odor Threshold	NE	Flash Point	>212°F (100°C)
Solubility	Complete auto-ignition	Temp	NE
Boiling Point	>212°F (100°C)	Partition coefficient (n-octanol/water	NE
Melting Point	NE	Decomposition Temp	NE
Freezing Point	<32°F (0°C)	Vapor Density	NE
Viscosity	Like water	Vapor Pressure at 68°F	NE
Relative Density	1.15	Evaporation Rate (water=1)	NE
pH	11.5-13	% Volatile (by weight)	NE

10. STABILITY AND REACTIVITY

Stability/Hazardous Decomposition: Product is stable. Decomposition and Polymerization will not occur if handled and stored properly.
Incompatibilities: Strong acids, strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Route of Exposure: Eyes, skin intestinal (commonly associated with cleaners and detergents)
Concentrate: Eye (redness, tearing), skin (redness, dryness), gastrointestinal irritation (nausea, vomiting, diarrhea)
Other Adverse Effects: None Known
***Carcinogenicity:** (concentrate & dilution forms) IARC: NO NTP: NO OSHA: NO
No component of this product is present at levels >/=0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Comments: The information provided is based on analysis of like mixtures and on the individual ingredients. (fisher.sci.com or the EPA registrant, where applicable)

12 ECOLOGICAL INFORMATION

Ecotoxicity: None known.
Persistence & Degradability: Readily biodegradable.
Bioaccummulative Potential: None known.
Other Adverse Effects (including soil mobility): None Known
Comments: None of the ingredients used is considered a marine pollutant.

13 DISPOSAL CONSIDERATIONS

Container(s): 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.

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

U.S. RCRA: (resource, Conservation & Recovery Act, 40 CFR 261): None known.

14. TRANSPORT INFORMATION

Bill of Lading Information: (UN#, proper shipping name, hazard class, packing group#, ERG# and if applicable, marine pollutant) Aqueous solution; cleaning compound, not regulated as hazardous material

Marine Pollutant: No per 49 CFR 171.8

Comments: 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

15. REGULATORY INFORMATION

UNITED STATES OF AMERICA

TSCA (Toxic Substance Control Act): All ingredients are on this list or are exempt.

CERCLA (Comprehensive Response Compensation and Liability Act 40 CFR 302.4): Sodium **Nitrite** (7632-00-0) 100 lbs

CWA (Clean Water Act): Sodium Nitrite (7632-00-0) is listed as hazardous substance but not listed as a priority pollutant or toxic pollutant

CAA (Clean Air Act): None of the ingredients are listed as air pollutants

SARA TITTLE III (Superfund Amendments and Reauthorization Act):

302/304 (Extremely Hazardous Category, 40 CFR 370): None known

311/312 (Hazard Category, 40 CFR 370): Acute Health Hazard

313** (Toxic Chemical (Reportable Ingredients, 40 CFR 372): Sodium Nitrite (7632-00-0)

***NOTE:** 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.

CALIFORNIA PROP 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):
*Diethanolamine (111-42-2)

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

16. OTHER INFORMATION

SDS prepared by: J.P. Schmitz Date Prepared: 08/14/1 Supersedes: All

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))

SAFETY DATA SHEET REFERENCE MATERIALS

ANSI = American National Standards Institute
CAS = Chemical Abstract Services
D.O.T. = Department of Transportation
EC = European Council
HMIS = Hazardous Materials Identification System
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDA = International Maritime Dangerous Goods
N.A. = North America
NA = Not Applicable
ND = Not Determined
NE = Not Established

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

NIOSH = National Institute for Occupational Safety and Heath
NK = None Known
NTP = National Toxicology Program
OSHA = Occupational Safety and Hazard Administration
PEL = Permissible Exposure Limits
PPE = Personal Protection Equipment
SDS = Safety Data Sheet
TDG = Transportation of Dangerous Goods
Temp = Temperature
TLV = Threshold Limit Values
UN = United Nation
Wgt = Weight
WHMIS = Workplace Hazardous Materials Identification System.

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.

PICTOGRAM(S) REFERENCE TABLE

						
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	