



Safety Data Sheet

1. Identification

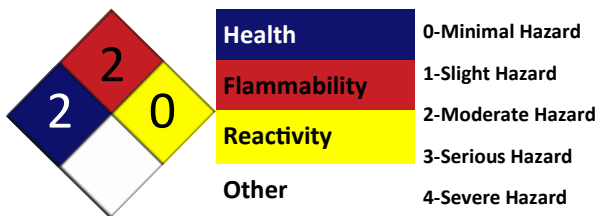
Product Identifier Prevox 5000
Common Name Rust Preventative
Recommended restrictions For Industrial and Institutional Use Only
 US Industrial Fluids, LLC
 460 Downes Terrace
 Louisville, KY 40214
Manufacturer (502)363-5600
 Emergency Telephone Number:
 (800)424-9300

2. Hazardous identification

GHS Classification Combustible Liquid, Skin Irritation, Serious Eye Damage/Eye Irritation
Routes of entry Avoid breathing dust/fumes/gas/mist/vapors/spray
 Harmful if swallowed, dermal contact, eye contact, Inhalation.
Environmental hazards Avoid release to the environment. Dispose of contents/container in accordance with Federal State and Local regulations
OSHA defined hazards Not Classified
Other hazards which do not result in classification None Known

Label elements

Hazardous Determination System (HMIS)



Danger

Hazard Statement Contact with this material can cause irritation to the skin, Causes serious eye damage, harmful or fatal if swallowed. Avoid breathing mist or vapors.

Storage Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Avoid breathing mist or vapors. Wash skin thoroughly after handling. Store in closed containers.

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2. Hazardous identification (cont.)

Disposal	Dispose of contents/ container to an approved waste disposal plant.
<u>Precautionary Statements</u>	
Prevention	Wear protective gloves/eye protection
Response	
Eyes	If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms persist.
Skin	If on skin or hair, wash with plenty of soap and water. Seek medical attention if symptoms persist. Take off contaminated clothing and wash before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms persist.
Ingestion	Immediately call Poison Control center or doctor/physician. If unconscious or drowsy do not give anything by mouth, place on left side with head down. If conscious, Rinse mouth. DO NOT induce vomiting.
Specific Treatment	See Safety Data Sheet Section 4 "FIRST AID MEASURES" for additional information.
Other Information	Inhalation of vapors or mist may cause respiratory irritation. Keep out of reach of children.

3. Composition/Information on Ingredients

Chemical Name	CAS Number	Weight %
Aliphatic Hydrocarbons	Varies	85-97
Dipropylene Glycol Monomethyl Ether	34590-94-8	<3
Non Hazardous Rust Penetrative additives	Proprietary	2-10

Trade secret claims: Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

Occupational exposure limits, if applicable, are listed in section 8.

4. First Aid Measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
Ingestion	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
Skin contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical attention.
Eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.
Note to Physicians	Treat symptomatically. Symptoms may be delayed.

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5. Fire Fighting Measures

Suitable Extinguishing Media	Dry chemicals, carbon dioxide, water spray, foam
Specific Hazards Arising from the Chemical	Not considered a primary fire hazard. Use any means suitable for extinguishing surrounding fire.
Hazardous Combustion Products	May form Carbon dioxide and carbon monoxide various hydrocarbons
Protective Equipment and Precautions for Firefighters	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear.
Unusual Fire and Exposure Hazards	During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a buildup of internal pressure, Cool with water.

6. Accidental Release Measures

Personal Precautions	Keep unnecessary personnel away. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised for significant spills. See section 8 for personal protection.
Methods of Clean up	<p>Contain spill and transfer to suitable containers. Stop leak if you can do without risk. Absorb with earth, sand or other non-combustible substances.</p> <p>Large Spills: When safe, stop the release of material. Dike the spilled material, far ahead of spill, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal. Prevent entry into waterways, sewer basements or confined areas. Follow product recover, flush area with water.</p> <p>Small Spills: wipe with absorbent material (e.g. cloth fleece) clean surface thoroughly to remove residual contamination.</p>
Environmental Precautions	<p>Never return spills to original containers for re-use. For waste disposal, see section 13</p> <p>Avoid release to the environment. Do not rinse spill onto the ground, into storm sewers, or bodies of water. Contact local authorities in case of spill to drain/aquatic environment. Prevent further leakage or spills if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or on the ground.</p>

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7. Handling and Storage

Safe Handling

Use good engineering practices to establish good ventilation. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Avoid breathing mist or vapors. Wash skin thoroughly after handling. Store in closed containers away from extreme heat, sparks, open flame or oxidizing material. Observe good industrial hygiene practices. Avoid release into the environment. Do not empty into drains.

Safe Storage

Keep away from food, drink and animal feeding areas. Keep container tightly closed in a cool, well-ventilated place, out of direct sunlight. Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from incompatible substances. Containers of this material may be considered hazardous when empty if they retain product residues. Observe all warnings and precautions listed for the product

8. Exposure controls/personal protection

Control Parameters

Appropriate engineering controls

A system of local and/or general exhaust is recommended to keep employee exposures below exposure limits. Local exhaust ventilation is generally preferred because it can control the emissions of the containment at its source, preventing dispersion of material into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition for details.

Personal Protection

Eye: splash goggles

Protective Gloves: Wear rubber or other chemical-resistant gloves

Respiratory: - None needed under normal conditions, if engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level, an approved respirator must be worn.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains

Individual protection measures

Hygiene measures

Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance. Always observe good hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits or to an acceptable level, an approved respirator must be worn

Hand protection

Wear rubber or other chemical-resistant gloves.

Eye protection

Wear splash goggles.

Skin protection

Wear rubber or solvent-resistant apron, Flame retardant antistatic protective clothing.

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8. Exposure controls/personal protection/Cont.

Control Parameters

	ACGIH (United States) TWA 150 ppm
Dipropylene Glycol Monomethyl Ether	OSHA PEL: TWA: 100 ppm, TWA: 600 mg/m ³
	NIOSH: IDLH 600 ppm

9. Physical and chemical properties

General Information

Physical state	Liquid	Vapor density	< 1
Color	Brown	Evaporation rate	< 1.0
Odor	Mild Petroleum	pH	Essentially Neutral
Flash point (ASTM D-92)	150 °F	Boiling Point / range	345-400°F
Auto-ignition temperature	None established	Specific Gravity (H₂O=1)	0.80
Vapor pressure	< 1	Water Solubility	Insoluble

10. Stability and reactivity

Chemical stability	Stable and non-reactive under normal conditions of use, storage and transport.
Possible of hazards reactions	This material is considered to be non-reactive under normal conditions of use. Avoid heat, sparks, open flames and other ignition sources. Suitable precautions should be utilized if using this product at temperatures above the flash point. Contact with incompatible materials.
Conditions to avoid	
Incompatible materials	Strong oxidizers and strong acids
Hazardous decomposition products	May form: Carbon dioxide and carbon monoxide various hydrocarbons. Under normal conditions product will not undergo hazardous polymerization.

11. Toxicological Information

Information on the likely routes of exposure

Inhalation	May cause irritation to the respiratory system, drowsiness or dizziness may occur.	Skin contact	Causes mild skin irritation
Ingestion	Harmful if swallowed Pain, nausea vomiting, and diarrhea,	Eye contact	Causes serious eye irritation Pain, redness, swelling of the conjunctiva and blurred vision.

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11. Toxicological Information Cont.

Hazardous Component (s)	LD50s and LC50s	Immediate and Delayed Health Effects
Aliphatic Hydrocarbons	Oral LD50 (Rat)= 5,000 mg/kg Dermal LD50 (Rabbit)= 3,000 mg/kg Inhalation LC50 (Rat)= 5500 ppm 4H	Irritant, Eye, Inhalation, Ingestion
Dipropylene Glycol Monomethyl Ether	Oral LD50 (RAT) = >5,000 mg/kg Dermal LD50 (RAT) = 9,500 mg/kg Inhalation LC50 (RAT): 275 ppm	Irritant, Eye, Inhalation, Ingestion

Occupational exposure limits, if applicable, are listed in section 8.

12. Ecological Information

Environmental effects	No specific ecological data are available for this product. However this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.
Other adverse effects	No information available

13. Disposal considerations

Disposal methods	Dispose of in accordance with federal, state, and local regulations. Disposal may be subject to national, state or local laws. Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal
Unclean Empty Packaging:	Since emptied containers retain product residue, follow label warnings even after container is emptied,.

14. Transportation Information

US Department of Transportation Classification

US Department of Transportation

UN/NA number	UN 1993
Proper shipping name	Combustible Liquid, nos (aliphatic hydrocarbons)
Hazard class	Combustible Liquid
Packing group	PGIII
ERG code	128

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15. Regulatory Information

Toxic Substances Control Act (TSCA) Status:

(Toxic Substance Control Act Section 8(b) Inventory) All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product contains the following listed substances

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden release of pressure Hazard	No
Reactive Hazard	No

State Regulation

This material is not regulated by the California Safe Drinking Water and Toxic Enforcement Act. This product (petroleum) as well as the zinc and zinc compounds contained within are listed in the New Jersey Right-to-Know Chemical List and the Pennsylvania Right-to-Know Chemical list.

16. Other Information

All reasonable practicable steps have been taken to ensure this data and the health, safety and environmental information contained in it is accurate. No warranty or representation, express or implied is made as to the accuracy or completeness of the data or information. The data and advice is given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The manufacturer shall not be responsible for any damage or injury resulting from use, or failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and or any precautions that should be taken.