



TWL Supply inc.
 PO Box 706
 Spearfish SD 57783
 1-877-428-3304
 Made in USA

MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/08/2010
 DATE PRINTED: 10/08/2010

REVISION NUMBER: 1

1. CHEMICAL PRODUCT

PRODUCT NAME: **TWL MOMENTUM OXIDIZING CLEANER**

PRODUCT CODE: 119231

NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 0/0
 Reactivity: 0/0 Special/Protective Equipment: None/B

NAME OF THE MANUFACTURER: See below for Distributor Information
 Emergency Phone: INFOTRAC: 1-800-535-5053
 OUTSIDE US: 1-352-323-3500

DISTRIBUTED BY: TWL Supply Inc.
 Spearfish, SD 57783

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Irritation of the mouth, throat, and stomach. Swallowing large amounts may cause digestive discomfort.
SKIN CONTACT: May cause mild skin irritation.
INHALATION: Inhalation of spray mist may be irritating. Inhalation of mist may cause damage to nasal and respiratory passages.
EYE CONTACT: May irritate eyes.
CHRONIC EFFECTS: Dermatitis. Possible respiratory damage from inhalation of dust or mist.
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Phosphoric acid 7664-38-2	1 - 5	1 mg/m ³	1 mg/m ³
Hydrogen Peroxide 7722-84-1	< 8	1 ppm	1 ppm 1.4 mg/m ³

4. FIRST AID MEASURES

INGESTION: Rinse mouth with water many times. Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING.
SKIN: Wash with soap and water. Remove contaminated shoes and discard. Get medical attention if irritation persists.
INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

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4. FIRST AID MEASURES

NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: (F): None to boiling (C): None to boiling

METHOD: TCC

FLAMMABLE LIMITS IN AIR

LOWER (%): No data

UPPER (%): No data

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA: Product will not burn. As for surrounding fire.

FIRE FIGHTING PROCEDURES: Corrosive material. Avoid exposure to mist and splashes. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Containers can build up pressure if exposed to heat (fire).

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Pick up with absorbant material. Flush residue with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS:

Not applicable

ENVIRONMENTAL PRECAUTIONS:

Not applicable

METHODS FOR CLEANING UP:

Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

DANGER: Mildly acidic liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry area.

Store in a well ventilated area. Mix only with water.

OTHER PRECAUTIONS:

Do not reuse container. Read and follow label instructions. Keep out of reach of children.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:

Use in a well ventilated area.

RESPIRATORY PROTECTION:

Not normally required. If product is used in a manner which creates dust or mist above recommended exposure limits, a NIOSH/MSHA approved respirator with dust/mist filter may be needed in the absence of proper environmental controls.

PROTECTIVE GLOVES:

Impermeable latex gloves. Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles. Face shield.

OTHER PERSONAL PROTECTION EQUIPMENT:

Rubber boots. Appropriate protective clothing as needed to prevent skin contact. Liquid may penetrate leather shoes and cause delayed burns. Eyewash fountains and safety showers must be easily accessible.

VENTILATION:

Not normally required. General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Corrosion resistant equipment recommended.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear. Colorless Light yellow liquid. Clean Cotton Fragrance added
BOILING POINT (F):	212° F (C) 100° C
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (AIR=1):	Not determined
SOLUBILITY IN WATER:	COMPLETE
SPECIFIC GRAVITY:	1.016 - 1.046
VOC Content (%):	Not determined
VOV Content (%):	Not determined
EVAPORATION RATE:	Not determined
PH:	2.5 - 3.5 (3.55 at 1:25 dilution, 3.77 at 1:32 dilution, 6.16 at 1:256 dilution)

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	If evaporated to dryness, as in a fire, material may burn, releasing: Soot. Smoke. Carbon Monoxide. Oxides of Phosphorus.
INCOMPATIBILITY (MATERIALS TO AVOID):	Do not mix with: Alkalines. Chlorine containing materials. Reducing agents. Avoid contact with aluminum, zinc, other soft metals or galvanized metals.
CONDITIONS/HAZARDS TO AVOID:	None known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	Not applicable.
PERSISTENCE/DEGRADABILITY:	Not applicable
BIOACCUMULATIVE POTENTIAL:	Not applicable
OTHER ADVERSE EFFECTS:	Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Phosphoric acid 7664-38-2	1 - 5	Listed	Listed	Listed	Not Listed
Hydrogen Peroxide 7722-84-1	< 8	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Phosphoric acid 7664-38-2	1 - 5	2270 kg 5000 lb	Not Listed	Not Listed
Hydrogen Peroxide 7722-84-1	< 8	Not Listed	1000 lb RQ = 1000 lb TPQ concentration >52%	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Phosphoric acid 7664-38-2	1 - 5	Listed
Hydrogen Peroxide 7722-84-1	< 8	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Phosphoric acid 7664-38-2	1 - 5	Listed
Hydrogen Peroxide 7722-84-1	< 8	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
Phosphoric acid 7664-38-2	1 - 5	Listed
Hydrogen Peroxide 7722-84-1	< 8	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
Phosphoric acid 7664-38-2	1 - 5	Listed
Hydrogen Peroxide 7722-84-1	< 8	Listed

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***