



TWL Supply inc.
 PO Box 706
 Spearfish SD 57783
 Made in USA

MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/01/2010
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REVISION NUMBER: 1
 PREPARED BY: EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: **TWL PROPEL OXIDIZING CLEANER**

PRODUCT CODE: 119238

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

Health: 1/1 Fire: 0/0
 Reactivity: 1/1 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
Hydrogen Peroxide 7722-84-1	< 8	1 ppm	1 ppm 1.4 mg/m ³
Phosphoric acid 7664-38-2	1 - 5	1 mg/m ³	1 mg/m ³
Amine oxide detergent 1643-20-5	1 - 10	Not applicable	Not applicable

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. 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.
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.

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4. FIRST AID MEASURES

EYES: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

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: As for surrounding fire. Product will not burn.

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. Cool exposed containers with water spray. 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
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.

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:
Hydrogen Peroxide 7722-84-1	< 8	Listed	Listed	Listed	Not Listed
Phosphoric acid 7664-38-2	1 - 5	Listed	Listed	Listed	Not Listed
Amine oxide detergent 1643-20-5	1 - 10	Listed	Listed	Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Hydrogen Peroxide 7722-84-1	< 8	Not Listed	1000 lb RQ = 1000 lb TPQ concentration >52%	Not Listed
Phosphoric acid 7664-38-2	1 - 5	2270 kg 5000 lb	Not Listed	Not Listed
Amine oxide detergent 1643-20-5	1 - 10	Not Listed	Not Listed	Not Listed

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