

# MATERIAL SAFETY DATA SHEET

|   |   |   |   |  |   |
|---|---|---|---|--|---|
| <b>SECTION 1 - MATERIAL IDENTIFICATION AND USE</b>      |   |   |   | Flammability   | 1 |
| Material Name/Identifier<br><b>WATER COOLER CLEANER</b> |   |   |   | Reactivity   | 1 |
| Manufactures Name<br>Prairie West Industrial            |   | Suppliers Name<br>PRAIRIE WEST INDUSTRIAL |   | Health   | 1 |
| Street Address<br>35 BOYS ROAD                          |   | Street Address<br>35 BOYS ROAD            |   | Personal Protection  | 1 |
| City<br>WINNIPEG  | Province<br>MANITOBA                      | City<br>WINNIPEG                          | Province<br>MANITOBA                      |  |   |
| Postal Code<br>R2C 2Z2                                  | Emergency Telephone No.<br>1-613-996-6666 | Postal Code<br>R2C 2Z2                    | Emergency Telephone No.<br>1-613-996-6666 |  |   |
| Chemical Name<br>MIXTURE                                |   | Chemical Family<br>SURFACTANT             |   | Chemical Formula<br>N/A  |   |
| Molecular Weight<br>MIXTURE (N/A)                       |   | Trade Names & Synonyms<br>PROP.           |   | Material use<br>HARD SURFACE CLEANING, MICROBIAL DISINFECTION, DEODORIZING+J15 |   |

## SECTION 2 - HAZARDOUS INGREDIENTS OF MATERIAL

| Hazardous Ingredients             | Approximate Concentration | C.A.S.N.A or U.N. Numbers | "Exposure Limits" | LD50 / LC50 Specify Species & Route |
|-----------------------------------|---------------------------|---------------------------|-------------------|-------------------------------------|
| N-ALKYL BENZYL AMMONIUM CHLORIDES | 1% TO 5%                  | 68424-85-1                | N/A               | N/A                                 |
| ETHYLENEOXY                       | 1%                        | 9016-45-9                 | N/A               | N/A                                 |
| SODIUM HYDROXIDE                  | 0 TO 6%                   | 1380-73-2                 | N/A               | N/A                                 |
|                                   |                           |                           |                   |                                     |
|                                   |                           |                           |                   |                                     |
|                                   |                           |                           |                   |                                     |

## SECTION 3 - PHYSICAL DATA FOR MATERIAL

|  |   |                                |  |   |
|--|---|--------------------------------|--|---|
| Physical State<br><b>LIQUID</b>        | Odor and Appearance<br><b>Clear</b>           |                                | odor Threshold (p.p.m.)<br><b>100 P.P.M.</b> | Specific Gravity<br><b>0.9 TO 1.2</b>                 |
| Vapor Pressure<br><b>18.0 MM.Hg</b>    | Vapor Density (Air = 1)<br><b>N/A</b>         | Evaporation Rate<br><b>N/A</b> | Boiling Point<br><b>+70.0 C</b>              | Freezing Point<br><b>"-0.0 C</b>                      |
| Solubility in water<br><b>COMPLETE</b> | % Volatile (by volume)<br><b>90.0 TO 99.0</b> | pH<br><b>10</b>                | Density (g/ml)<br><b>0.9 TO 1.2</b>          | Coefficient of Water / Oil Distribution<br><b>N/A</b> |

## SECTION 4 - FIRE AND EXPLOSION HAZARD OF MATERIAL

|  |   |  |  |   |
|--|---|--|--|---|
| Flammability<br><b>NO</b>                    | If Yes, under what conditions<br><b>N/A</b>   |  |  |   |
| Means Of Extinction<br><b>N/A</b>            |   |  |  |   |
| Special Procedures<br><b>N/A</b>             |   |  |  |   |
| Flashpoint and Method<br><b>N/A</b>          | Upper Explosion Limit (% by volume)<br><b>N/A</b>   |  | Lower Explosion Limit (% by volume)<br><b>N/A</b>                |   |
| Auto Ignition Temperature<br><b>N/A</b>      | TDG Flammability Classification<br><b>0</b>   |  | Hazardous Combustion Products<br><b>CARBON DIOXIDE, MONOXIDE</b> |   |
| Sensitivity to Physical Impact<br><b>NIL</b> | Rate of Burning<br><b>BURNS ONLY AFTER THE WATER HAS BEEN EVAPORATED OUT. THEN BURNS SLOWLY+B56</b> |  | Explosive Power<br><b>NIL</b>                                    | Sensitivity to Static discharge<br><b>NIL</b> |

## SECTION 5 - REACTIVITY DATA

|  |  |  |  |  |
|--|--|--|--|--|
| Chemical Stability<br><b>YES</b>                   | If No under which conditions?<br><b>N/A</b>                            |  |  |  |
| Incompatibility to other substances<br><b>YES</b>  | If so which ones?<br><b>SODIUM HYPOCHLORITE( household bleach)</b>     |  |  |  |
| Reactivity and under what conditions<br><b>YES</b> | <b>WITH ANY CHEMICAL WHICH WILL OXIDIZE WITH FREE CHLORINE PRESENT</b> |  |  |  |
| Hazardous Decomposition Products<br><b>NO</b>      |  |  |  |  |

|                          |                      |            |   |
|--------------------------|----------------------|------------|---|
| Material Name/Identifier | WATER COOLER CLEANER | Reactivity | 1 |
|--------------------------|----------------------|------------|---|

**SECTION 6 - TOXICOLOGICAL PROPERTIES OF PRODUCT**

Route of Entry  Skin Contact  Skin Absorption  Eye Contact  Inhalation Acute  Inhalation Chronic  Ingestion

Effects of Acute Exposure to Product  
DRYING OF TISSUE,

Effects of Chronic Exposure to Product  
CRACKED AND DRIED OUT SKIN, RED EYES,

|   |     |                      |       |                            |     |
|---|-----|----------------------|-------|----------------------------|-----|
| LD50 of Product (Specify Species and Route) | N/A | Irritancy of Product | MINOR | Exposure Limits of Product | N/A |
|---|-----|----------------------|-------|----------------------------|-----|

|                                   |     |                          |    |                       |                   |
|-----------------------------------|-----|--------------------------|----|-----------------------|-------------------|
| LC50 of Product (Specify Species) | N/A | Sensitization to Product | NO | Synergistic Materials | CHLORINE BLEACHS, |
|-----------------------------------|-----|--------------------------|----|-----------------------|-------------------|

Carcinogenicity  Reproductive Effects  Teratogenicity  Mutagenicity

**SECTION 7 - PREVENTIVE MEASURES**

Personal Protective Equipment

|                  |                 |                       |     |               |               |                    |                    |
|------------------|-----------------|-----------------------|-----|---------------|---------------|--------------------|--------------------|
| Gloves (Specify) | WATER RESISTANT | Respiratory (Specify) | N/A | Eye (Specify) | SPLASH GUARDS | Footwear (Specify) | REGULAR INDUSTRIAL |
|------------------|-----------------|-----------------------|-----|---------------|---------------|--------------------|--------------------|

|                    |                    |                 |  |
|--------------------|--------------------|-----------------|--|
| Clothing (Specify) | REGULAR INDUSTRIAL | Other (Specify) |  |
|--------------------|--------------------|-----------------|--|

Engineering Controls (e.g. ventilation, enclose process, specify)

Leak and Spill Procedure

MOP UP AND DILUTE INTO SEWER SYSTEM

Waste Disposal

DILUTE AND SEWER, FOLLOWING ALL PERTINENT GOVERNMENT REGULATIONS

Handling Procedures and Equipment

NO SPECIAL REQUIREMENTS

Storage Equipment

NO SPECIAL REQUIREMENTS

Special Shipping Information

NONE

**SECTION 8 - FIRST AID MEASURES**

Skin

WASH TILL CLEAN

Eye

USE EYE WASH STATION/BOTTLE UNTIL THE EYE IS NOLONGER IRRITATED

Inhalation

NOT A PROBLEM

Ingestion

TAKE TO HOSPITAL

General Advice

#NAME?

**SECTION 9 - PREPARATION DATE OF M.S.D.S.**

Additional Comments WHILE THE COMPANY BELIEVES THE DATA SET FORTH HEREIN ARE ACCURATE AS OF THE DATE HEREOF, THE COMPANY MAKES NO WARRANTY WITH RESPECT THERETO AND EXPRESSLY DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. SUCH DATA ARE OFFERED SOLRLY FOR YOUR CONSIDERATION, INVESTIGATION AND VERIFICATION

Sources Used

COMPONENT MSDS, MERCK INDEX, SOAPS AND DETERGENTS

|             |            |              |              |            |              |      |                    |
|-------------|------------|--------------|--------------|------------|--------------|------|--------------------|
| Prepared By | T.SCHWARTZ | Phone Number | 204-224-1890 | Fax Number | 204-224-1891 | Date | September 26, 2006 |
|-------------|------------|--------------|--------------|------------|--------------|------|--------------------|