

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: HEAVY DUTY INDUSTRIAL CLEANER – PINE SCENTED
Product Use: WATER BASED ALKALINE CLEANER
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

| Ingredients | CAS Number | Weight % | LD ₅₀ | LC ₅₀ |
|---|--|----------|---------------------------|--------------------------|
| 2-Butoxyethanol ACGIH TLV – 25 ppm (skin) | 111-76-2 OSHA PEL – 50 ppm (skin) | 1 - 5 % | 1480mg/kg (oral / rat) | 450 ppm (rat, 8 hour) |
| Sodium Metasilicate | 6834-92-0 | 3 - 7 % | 1280mg/kg (oral / rat) | Not found. |
| Sodium Tripoly- phosphate | 7758-29-4 | 1 – 5 % | Not found. | Not found. |
| Potassium Hydroxide ACGIH TLV – 2mg/m ³ | 1310-58-3 OSHA PEL – 2mg/m ³ | 1 – 5 % | 365mg/kg (oral / rat) | Not found. |
| Cocoamide DEA | 68603-42-9 | 1 – 5 % | Not found. | Not found. |

SECTION III - PHYSICAL DATA

Physical State: LIQUID Specific gravity: 1.06
pH: 13.00 – 13.75
Odour and appearance: CLEAR BLUE LIQUID. PINE FRAGRANCE.
Odour threshold: Not available. Solubility in water: SOLUBLE.
Vapour pressure (mm Hg): Not available. Vapour density (air = 1): Not available.
Evaporation rate (water = 1): Not available. % volatile by volume: 3– 5 %
Boiling Point (C⁰): Not available. Freezing Point (C⁰): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NOT FLAMMABLE Flashpoint and method: NONE – CLOSED CUP.
Upper flammable limit: Not applicable. Lower flammable limit: Not applicable.
Autoignition temperature: Not applicable. Flammability classification: Not applicable.
Conditions of flammability: NONE.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special fire fighting procedures: COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING A SELF-
CONTAINED BREATHING APPARATUS.
Hazardous combustion products: MAY YIELD OXIDES OF CARBON.
Sensitivity to mechanical impact: NOT SENSITIVE.
Sensitivity to static discharge: NOT SENSITIVE

SECTION V - REACTIVITY DATA

Is the product stable: STABLE
Incompatible substances: STRONG ACIDS AND OXIDIZERS.
Conditions of Reactivity: EXCESS HEAT AND OPEN FLAME.
Hazardous decomposition products: THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON.

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, INGESTION, INHALATION.
 WHMIS classification: Class D 1 B - IMMEDIATE AND SERIOUS TOXIC EFFECTS, Class E – CORROSIVE
 Irritant: YES - SEVERE Carcinogen: NO - IARC / NTP
 Sensitizer: YES Mutagen: NO
 Reproductive effects: NONE KNOWN Synergistic products: NONE KNOWN
 Effects of acute exposure: Eyes: SEVERE IRRITATION, REDNESS, POSSIBLE DESTRUCTION OF TISSUE.
Skin: CORROSIVE. MODERATE TO SEVERE IRRITATION, CHAPPING, DERMATITIS, BURNS AND
 ULCERATION. Inhalation: RESPIRATORY TRACT IRRITATION, DIZZINESS, HEADACHE. Ingestion: BURNS
 TO MUCOUS MEMBRANES, NAUSEA, CRAMPS AND DIARRHEA. MAY BE HARMFUL IF SWALLOWED.
 Effects of chronic exposure: NONE REPORTED.

SECTION VII - PREVENTION MEASURES

| | | |
|---|---|---|
| Gloves: CHEMICAL RESISTANT GLOVES. | Respirator: NIOSH APPROVED RESPIRATOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS WHERE TLVs ARE EXCEEDED | Eye protection: CHEMICAL GOGGLES OR SAFETY GLASSES. |
| Footwear: NO SPECIAL REQUIREMENTS | Clothing: PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. | Other requirements: EYE WASH STATION AND EMERGENCY SHOWER. |

Engineering Controls: LOCAL VENTILATION RECOMMENDED.
 Respiratory protection: USE ONLY WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPOURS OR MISTS. WEAR APPROPRIATE RESPIRATOR IF EXPOSURE LIMITS WILL BE EXCEEDED. Leak or spill procedures: VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CONTAIN SPILL. SOAK UP ON INERT ABSORBANT MATERIAL AND PLACE IN A PROPERLY MARKED CLOSED CONTAINER FOR PROPER DISPOSAL.
 Waste disposal: CONTACT LOCAL ENVIRONMENTAL AUTHORITIES.
 Handling and storage requirements: STORE IN A COOL, DRY PLACE AWAY FROM ACIDS, HEAT OR OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.
 Special shipping information: NOT CONTROLLED UNDER TDG.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY AND CONTINUE FLUSHING UNTIL MEDICAL ATTENTION IS OBTAINED.
Skin: FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. CALL A PHYSICIAN IF IRRITATION PERSISTS.
Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. RINSE MOUTH AND GIVE PERSON 1 – 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation: REMOVE PERSON TO FRESH AIR. CALL A PHYSICIAN IF IRRITATION PERSISTS.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET
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