

MAVEX

PITCH-RESIN & SLUDGE REMOVER

Mavex is a special blend of selected non-ionic wetting agents, alkalis and synthetic surfactants designed to produce effective cleaning results in many soil-removing applications. It may be used on all metal and other hard surfaces. Mavex rapidly penetrates and emulsifies greasy, oily and grimy soils. It can easily be rinsed with water.

Non- combustible high-octane emulsifier, CSHA toxic-toxic, non-corrosive, rust inhibited, non-flammable, biodegradable.

Cleans aluminum, brass, cadmium, chrome, copper, galvanized coating, iron, nickel, stainless steel, zinc, painted surfaces (oil based), nylon, screen etc.

To remove resin and sludge dilute two parts of water in one part of Mavex and apply the product. Wait five minutes then rinse with water.

Pressure washing: Add 3 to 4 litres of Mavex to each 200 litres of water for painted equipment and vehicles.

Floor Cleaning: Dilute 1 part Mavex with 5- 10 parts water for heavy soil, for light soil dilute 1 part with 20 to 30 parts of water.

General Cleaning: Dilute 1 part Mavex to 10 parts (heavy duty) or 50 parts (light duty) of water, for mop or brush applications.

Mavex is a hard surface cleaner:

Garage floors, linoleum hallways, arborite countertops, vinyl siding, industrial and institutional floors.

Mavex removes soot from stone fireplaces, brick, and terrazzo. Mavex is an effective tractor-trailer pressure wash, carwash and oilrig wash.

****BIODEGRADABLE*ENVIRONMENTALLY SAFE*NON-TOXIC FORMULATION***

TECHNICAL DATA SHEET

ENVIROSAFE CHEMICALS CANADA MATERIAL SAFETY DATA SHEET

SECTION 1-PRODUCT IDENTIFICATION AND USE

MAVEX

PRODUCT IDENTIFIER: All-purpose degreaser Mavex **PRODUCT IDENTIFICATION NUMBER (PIN)**
PRODUCT USE: Biodegradable (non ionic wetting agents and emulsifier)
MANUFACTURER'S NAME: Envirosafe Chemicals Canada
ADDRESS: PO Box 1792 - 10011 Thatcher Avenue
CITY: North Battleford **PROVINCE:** SK **POSTAL CODE:** S9A 3W8 **TEL:** 306-446-0505

SECTION 2-HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS | % | CAS NUMBER | LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE) | LC OF INGREDIENT (SPECIFY SPECIES) | TLV(ACGIH)_ |
|-----------------------|-------|------------|---|---------------------------------------|---------------|
| Sodium Metasilicate | 5-10% | 6834-92-0 | 1280 mg/kg (oral rat) | Not available | Not available |
| Ethylene Glycol | | | | | |
| Butyl Cellosolve | 3-7% | 111-76-2 | 470mg/kg (oral rat) | 700 ppm mouse 7hrs | Not available |
| Synthetic detergents | 5-10% | 9016-49-9 | Not available | Not available | Not available |

Approved by Agriculture Canada, (Food Production and inspection branch)

SECTION 3-PHYSICAL DATA

PHYSICAL STATE: Aerosol **ODOUR AND APPEARANCE:** mild sweet **ODOUR THRESHOLD (PPM):**
Spray odour foam spray not available
VAPOUR PRESSURE: Not available **VAPOUR DENSITY:** Not available **EVAPORATION RATE:**
(mm Hg) (AIR=1) (Butyl Acetate=1): <1
BOILING POINT (°C):>100 **FREEZING POINT:** <1 pH: 7 to 8
SPECIFIC GRAVITY: 1.1 **COEFF. WATER/OIL DIST.:** Not available

SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: Non-flammable **IF YES? UNDER WHICH CONDITION?**
MEANS OF EXTINCTION: Foam, water, CO2, dry chemical **FLASHPOINT (°C) AND METHOD:** °F 62°-
Class B fire extinguisher closed cup

UPPER FLAMMABLE LIMIT (% BY VOLUME): °C **LOWER FLAMMABLE LIMIT (% BY VOLUME):**°C
Not known Not known
AUTOIGNITION TEMPERATURE (°C): **HAZARDOUS COMBUSTION PRODUCTS:**
Not available Not available
EXPLOSION DATA SENSITIVITY TO IMPACT: Not known
SENSITIVITY TO STATIC DISCHARGE: Not available

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: Stable (under normal conditions)
IF NO? UNDER WHICH CONDITION? .

INCOMPATIBILITY WITH OTHER SUBSTANCES: Do not mix strong oxidizers or strong acids.

REACTIVITY AND UNDER WHAT CONDITIONS: Stable, do not subject aerosol can to impact can may explode

HAZARDOUS DECOMPOSITION PRODUCTS: Co2, various hydrocarbons and other toxic fumes and gases

All ingredients of this product are either on the domestic substance list (DSL) or exempt. All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

TECHNICAL DATA SHEET

ENVIROSAFE CHEMICALS CANADA

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PRODUCT IDENTIFICATION: All-purpose Degreaser

SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT: X SKIN ABSORPTION: EYE CONTACT: X INHALATION: INGESTION: X

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: May cause skin irritation, drying with prolonged exposure.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: May cause moderate skin, throat and eye irritation.

EXPOSURE LIMITS: Butyl Cellosolve 25PPM (skin) irritation IRRITANCY OF PRODUCT: May cause eye, skin

SENSITIZATION OF PRODUCT: Prolonged contact may cause skin drying.

CARCINOGENICITY: The ingredients of this product are not considered to be carcinogens by the National toxicity program, The International Agency for research on cancer.

TERATOGENICITY: Not available

REPRODUCTIVE TOXICITY: Not available

MUTAGENICITY: Not available

SYNERGISTIC PRODUCTS: Not available

SECTION 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Not normally required

GLOVES: latex rubber gloves

RESPIRATOR: Not normally

EYE: Goggles when using concentrate

Required when using concentrate

FOOTWEAR: Rubber boots

CLOTHING: None known

OTHER: Eye bath

ENGINEERING CONTROL (SPECIFY, E G. VENTILATION ENCLOSED PROCESS): General ventilation in Confined areas use adequate breathing apparatus.

LEAK AND SPILL PRODUCE: Dilute spills with water flush to sewer. Absorb large spills using inert material Such as "floor dry" (Diatomaceous earth) and wash down any remaining spilled material.

WASTE DISPOSAL: Dispose in accordance with local, Federal and State or Provincial regulations.

HANDLING PROCEDURES AND EQUIPMENT: Normal procedures.

STORAGE REQUIREMENTS: Store in cool dry space, below 50°C.

SPECIAL SHIPPING INFORMATION: Label as "Consumer Commodity"

SECTION 8-FIRST AID MEASURES

EYE: immediately flush eyes with water for 15 minutes. Lift upper and lower lids.

SKIN: Wash thoroughly with soap and water. Consult physician if irritation persists. Remove and launder contaminated clothing before reuse.

INHALATION: Vapours may cause nausea and irritation. Provide fresh air.

INGESTION: Immediately dilute with 2 glasses of water. Immediately call a physician to determine whether vomiting should be induced.

SECTION 9-PREPARATION DATE OF MSDS

PREPARED BY: ENVIROSAFE TECHNICAL DEPT. PHONE NUMBER: 306-446-0505

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