MATERIAL SAFETY DATA SHEET

PRODUCT NAME: DA-BRITE RUBBER MOLD CLEANER **PRODUCT NUMBER: DMN-144.**

CHEMICAL FAMILY: ORGANIC ACID CLEANER **LAST REVISED:** 2/15/88

PHYSICAL HAZARD: NONE

HEALTH HAZARD: IRRITANT, CORROSIVE

HAZARD RATINGS: **H:** 2 **F:** 0 **R:** 0

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0 = Insignificant 2 = Moderate 4 = Severe
1 = Slight 3 = Serious

D.O.T. HAZARD CLASS: NONE

--- SECTION 2 - HAZARDOUS INGREDIENTS ---

INGREDIENT	CAS NO.	PERCENT	OSHA PEL	ACGIH TLV	OTHER
HYDROXYACETIC ACID	79-14-1	40-60 %	NONE	NONE	2 PPM

NOTE: NONE=NO LIMIT, N/E=LIMIT NOT ESTABLISHED, N/A=NO DATA AVAILABLE

------- SECTION 3 - PHYSICAL DATA -------

BOILING POINT: 234° F. **SPECIFIC GRAVITY:** 1.2
VAPOR PRESSURE: 1 (Water=1) **PERCENT VOLATILES:** 100%
VAPOR DENSITY: 1 (Water=1) **EVAP. RATE:** 1 (Water=1)
SOLUBILITY IN WATER: COMPLETE
APPEARANCE AND ODOR: LIGHT AMBER LIQUID WITH ACID ODOR.

-- SECTION 4 - FIRE AND EXPLOSION DATA --

FLASH POINT: NONE
LOWER EXPLOSIVE LIMIT: NOT APPLICABLE
UPPER EXPLOSIVE LIMIT: NOT APPLICABLE

EXTINGUISHING MEDIA: NONE
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: CONTACT WITH REACTIVE METALS MAY RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR.

------ SECTION 5 - REACTIVITY DATA ------

STABILITY: STABLE
INCOMPATIBILITY: CYANIDES, SULFIDES, OXIDIZERS AND MOST METALS.
HAZARDOUS DECOMPOSITION PRODUCTS: CONTACT WITH REACTIVE METALS MAY RELEASE HYDROGEN GAS.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

----- SECTION 6 - HEALTH HAZARD DATA ----

THRESHOLD LIMIT VALUE (TLV): NONE KNOWN (SEE INDIVIDUAL INGREDIENTS)

PRIMARY ROUTES OF ENTRY: __THROUGH SKIN __INHALATION X INGESTION

EFFECTS OF OVEREXPOSURE:

EYES - Liquid and mist may irritate the eyes, causing discomfort, tearing, or blurring of vision. Prolonged contact may lead to eye corrosion with corneal or conjuctival ulceration.

SKIN - BRIEF CONTACT MAY CAUSE IRRITATION OR DERMATITIS. PROLONGED CONTACT MAY CAUSE SKIN BURNS OR ULCERATION.

BREATHING - OF MIST OR FUMES MAY IRRITATE OR CORRODE MUCOUS MEMBRANES WITH UPPER AND LOWER RESPIRATORY IRRITATION.

SWALLOWING - CORROSIVE TO MOUTH AND THROAT, BURNING MUCOUS MEMBRANES. CAUSES ABDOMINAL PAIN, NAUSEA, VOMITING AND COLLAPSE. SWALLOWING LARGE QUANTITIES MAY CAUSE DEATH.

CHRONIC EFFECTS OF OVER-EXPOSURE - KIDNEY AND LIVER DAMAGE FROM EXCESSIVE INHALATION OR INGESTION HAVE BEEN REPORTED IN EXPERIMENTAL ANIMALS.

FIRST AID PROCEDURES:

EYE CONTACT: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION. DO NOT USE CHEMICAL ANTIDOTE. **pH:** 1.0 ± 0.5

SKIN CONTACT: IMMEDIATELY FLUSH EXPOSED AREA WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY. LAUNDER CLOTHING BEFORE RE-USE.

INGESTION: DO NOT INDUCE VOMITING. VOMITING WILL CAUSE FURTHER DAMAGE TO THE THROAT. DILUTE BY GIVING TWO GLASSES OF WATER TO DRINK. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

INHALATION: REMOVE PERSON TO FRESH AIR. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

-------- SECTION 7 - STORAGE AND SPILL/LEAK PROCEDURES --------

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE IN COOL, WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED. REMOVE LEAKING CONTAINERS. DO NOT USE PRESSURE TO EMPTY CONTAINER.

EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND MAY BE HAZARDOUS. OBSERVE ALL PRECAUTIONS GIVEN IN THIS DATA SHEET.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: MOP OR WIPE UP.

LARGE SPILL: PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP IS COMPLETED. STOP SPILL AT SOURCE. DIKE TO PREVENT SPREADING. COLLECT INTO CLEAN CONTAINERS. MOP UP EXCESS.

WASTE DISPOSAL METHOD:

SMALL SPILL: FLUSH DOWN DRAIN WITH LARGE AMOUNTS OF WATER.

LARGE SPILL: NEUTRALIZE TO pH 7 BY ADDING SLOWLY TO A SOLUTION OF SODA ASH OR SLAKED LIME. WASH TO SEWER WITH A LARGE EXCESS OF WATER.

--- SECTION 8 - PROTECTIVE EQUIPMENT ---

RESPIRATORY PROTECTION: IF TLV OF PRODUCT OR ANY INGREDIENT IS EXCEEDED USE A NIOSH APPROVED CANISTER RESPIRATOR.

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST TO KEEP EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: NEOPRENE OR NATURAL RUBBER.

EYE PROTECTION: CHEMICAL GOGGLES.

OTHER PROTECTIVE EQUIPMENT: LONG SLEEVED SHIRT, TROUSERS, SAFETY SHOES OR BOOTS, RUBBER APRON. AN EYEWASH AND SAFETY SHOWER SHOULD BE LOCATED NEARBY AND READY FOR USE.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.