

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: D\*A\*C® Double\*Alkaline\*Cleaner
PRODUCT TYPE: Highly Alkaline Cleaner

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SECTION I - MANUFACTURER

NATIONAL CHEMICALS, INC.
105 Liberty Street
Winona, MN 55987

PHONE NUMBERS:

Emergency: 800-533-0027
FAX: 507-454-5641

For Chemical Spill Emergency ... See CHEMTREC on Page 2.

Date Prepared: January 1, 2005

SECTION II - HAZARDOUS INGREDIENTS

Table with 5 columns: CHEMICAL NAME (COMMON NAME), CAS NO., OSHA PEL, OTHER. Rows include Potassium Hydroxide and Sodium Hydroxide.

This product contains no other component considered hazardous according to the criteria of 29 CFR 1910.1200

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Table with 2 columns: Property (e.g., APPEARANCE and ODOR, SOLUBILITY in WATER) and Value (e.g., Clear, odorless liquid, Complete).

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Table with 2 columns: Hazard Type (SPECIAL FIRE HAZARD, FIRE FIGHTING METHODS) and Description (None, Product does not support combustion).

SECTION V - REACTIVITY DATA

Table with 2 columns: Property (STABILITY, CONDITIONS TO AVOID, MATERIAL, INCOMPATIBILITY) and Description (Stable under normal conditions, Do not mix with anything but water, etc.).

SECTION VI - HEALTH HAZARD DATA

EFFECTS and HAZARDS of OVEREXPOSURE (Acute and Chronic)

Table with 2 columns: Hazard Type (EFFECTS and HAZARDS of EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION) and Description (Injurious to eyes, Injurious to skin, etc.).

EMERGENCY and FIRST AID PROCEDURES

Table with 2 columns: Hazard Type (TREATMENT for EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION) and Description (Immediately flush with cool, running water, etc.).

CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

SECTION VII - HMIS/NFPA LABEL INFORMATION

Table with 4 columns: Hazard Type (HEALTH, FLAMMABILITY, REACTIVITY, WARNING), HMIS, NFPA, and KEY (0 - MINIMAL, 1 - SLIGHT, etc.).

HMIS = HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

NFPA = NATIONAL FIRE PROTECTION ASSOCIATION

SECTION VIII - CONTROL MEASURES

Table with 2 columns: Control Measure (EYE PROTECTION, SKIN PROTECTION, RESPIRATORY PROTECTION, HYGIENIC PRACTICES) and Description (Splashproof glasses, Rubber/plastic gloves, etc.).

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SECTION IX - PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL OR LEAK PROCEDURES

**CLEAN UP:** Mop or wipe up small spills. Rinse area thoroughly. Flush residue into sewer with plenty of water.

**WASTE DISPOSAL:** Thoroughly rinse empty container and dispose of in an approved disposal facility in accordance with all federal, state and local regulations. Unused product as a waste is corrosive. Consult state and local authorities for regulations on disposal of concentrated waste product.

STORAGE

**STORAGE:** Avoid contact with skin and eyes. Keep container tightly closed. Keep from freezing. Do not expose to heat or direct sunlight.

OTHER PRECAUTIONS

**KEEP OUT OF REACH OF CHILDREN.**

**AVOID CONTAMINATION OF FOOD OR FOOD HANDLING EQUIPMENT.**

**DOT: 33 oz containers: ORM-D**

**≥1 Gallon containers: Corrosive liquid, basic, inorganic, n.o.s., 8, UN 3266, PG II (potassium hydroxide, sodium hydroxide)**

**FOR CHEMICAL EMERGENCY**

Involving Shipping & Handling  
Spill, Leak, Fire, Exposure or Accident  
Call CHEMTREC ... Day or Night  
1-800-424-9300

**ABBREVIATIONS:**

< = LESS THAN  
> = MORE THAN

N/A = NOT APPLICABLE  
N/D = NOT DETERMINED  
N/E = NOT ESTABLISHED

UNK = UNKNOWN

The information and recommendations in this Material Safety Data Sheet are based upon data believed to be correct and does not relate to its use in combination with any other material or process. Since use conditions vary, we assume no liability for failure to follow product use direction and safety precautions. As data, standards and regulations change; NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

Date: January 1, 2005

**NATIONAL CHEMICALS, INC.**  
**P.O. Box 32**  
**Winona, MN 55987-0032**