# WATER TEST REAGENT

## For Laboratory Use Only

SMALL VOLUMES USED
CONTAINER SIZE RANGE
2 OUNCE - 1 GALLON MAXIMUM

Form G-1 4/78

# MATERIAL SAFETY DATA SHEET

## • Section 1 — PRODUCT IDENTIFICATION

| | |
|---|---|
| MANUFACTURER'S NAME<br>DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co. | EMERGENCY PHONE NO.<br>312/438-8241 |
| ADDRESS<br>300 Genesee St., Lake Zurich, IL 60047 | |
| CHEMICAL NAME AND SYNONYMS<br>Hardness reagent | TRADE NAME OR CODE IDENT.<br>Code 521 |

## • Section 2 — INGREDIENTS

| | CAS No. | % | EXPOSURE CRITERIA |
|---|---|---|---|

**NON - HAZARDOUS MATERIAL**

The product identified in this Data Sheet is NOT a hazardous material within the meaning of Title 29, Code of Federal Regulations 1915, 1916, 1917.

NFPA Code: 0-0-0

## • Section 3 — PHYSICAL DATA

| | | | |
|---|---|---|---|
| BOILING POINT, 760mm Hg | N/K | MELTING POINT | N/A |
| SPECIFIC GRAVITY ($H_2O$ = 1) | N/K | VAPOR PRESSURE | N/A |
| VAPOR DENSITY (AIR = 1) | N/K | SOLUBILITY IN $H_2O$, % BY WT. | Complete |
| % VOLATILES BY VOLUME | N/K | EVAPORATION RATE, _____ = 1 | N/K |
| APPEARANCE AND ODOR Colorless liquid | | pH | 10.0 |

## • Section 4 — FIRE AND EXPLOSION HAZARD DATA

| FLASH POINT (and Method Used) | FLAMMABLE LIMITS in AIR, % by VOLUME | | AUTO IGNITION TEMPERATURE |
|---|---|---|---|
| | LOWER | UPPER | |
| None | | | N/A |

EXTINGUISHING MEDIA ☐ Water Fog ☐ Foam ☐ $CO_2$ ☐ Dry Chemical ☐ Other

SPECIAL FIRE FIGHTING PROCEDURES None

UNUSUAL FIRE AND EXPLOSION HAZARD None

## • Section 5 — REACTIVITY DATA

| | |
|---|---|
| STABILITY (Normal Conditions)<br>☒ Stable ☐ Unstable | CONDITIONS TO AVOID<br>None |

INCOMPATIBILITY (Materials to Avoid) None

HAZARDOUS DECOMPOSITION PRODUCTS None

| | |
|---|---|
| HAZARDOUS POLYMERIZATION<br>☐ May Occur ☒ Will Not Occur | CONDITIONS TO AVOID<br>None |

(over)

## Section 6 – HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Not expected

INGESTION May be irritating to mucous membrane. Drink citrus juice or large amount of water to neutralize and dilute. Contact physician if discomfort occurs.

SKIN OR EYE CONTACT Flush from skin or eyes using clear water. May irritate eyes. Contact physician at once.

EMERGENCY AND FIRST AID PROCEDURES

See above

## Section 7 – SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical

RESPIRATORY PROTECTION (Specify Type)

None

EYE PROTECTION

Safety glasses

GLOVES (Specify Type)

None

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

None

## Section 8 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Use absorbent paper towel and discard in waste container. Rinse area of spill with water.

WASTE DISPOSAL METHOD Dispose small amounts to drainusing large amount of water to dilute. Dispose of larger amounts by placing capped bottle in container for authorized chemical scavenger service.

## Section 9 – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Protect container from physical damage. Keep closed when not in use.

OTHER PRECAUTIONS None

Shipping Name: DOT Chemicals, NOI, Water Testing Reagents – NOT RESTRICTED

IATA

Prepared By W. M. Morris

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