WATER TEST REAGENT

For Laboratory Use Only

Form G-1 4/78

SMALL VOLUMES USED
CONTAINER SIZE RANGE
OUNCE - 1 GALLON MAXIMUM

MATERIAL SAFETY DATA SHEET

Section 1 – PRODUCT IDENTIFICATION

MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co.	EMERGENCY PHONE NO. 312/438-8241
ADDRESS 300 Genesee St., Lake Zurich, IL 60047	
CHEMICAL NAME AND SYNONYMS Neutralizing solution	TRADE NAME OR CODE IDENT. Code 567

Section 2 – INGREDIENTS

	CAS No.	%	EXPOSURE CRITERIA
Citric acid		10.0	
Phenolphthalein		0.1	
Water – isopropanol blend		Bal.	

Section 3 – PHYSICAL DATA

BOILING POINT, 760mm Hg	181°F.	MELTING POINT	N/A
SPECIFIC GRAVITY (H_2O = 1) approx.	0.8	VAPOR PRESSURE	N/K
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 solution with alcohol odor	pH	2.45

Section 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used) 70° F. TCC	FLAMMABLE LIMITS in AIR, % by VOLUME LOWER UPPER	AUTO IGNITION TEMPERATURE N/A

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

SPECIAL FIRE FIGHTING PROCEDURES

Treat as solvent fire.

UNUSUAL FIRE AND EXPLOSION HAZARD

None

Section 5 – REACTIVITY DATA

STABILITY (Normal Conditions) ☒ Stable ☐ Unstable	CONDITIONS TO AVOID None

INCOMPATIBILITY (Materials to Avoid)

None

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS POLYMERIZATION ☐ May Occur ☒ Will Not Occur	CONDITIONS TO AVOID None

(over)

Section 6 – HEALTH HAZARD INFORMATION

EXPOSURE LIMIT

Not established

EFFECTS OF OVEREXPOSURE

INHALATION

Not expected

INGESTION

Product may act as cathartic in sufficient amounts. Use milk or water to neutralize or dilute. If discomfort occurs contact a physician.

SKIN OR EYE CONTACT

Product is a dilute acid so may be irritating to skin and will irritate the eye. Wash skin with soap and water and flush eyes with large amount of clear water. Contact physician if irritation persists.

EMERGENCY AND FIRST AID PROCEDURES

See above

Section 7 – SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS

Mechanical

RESPIRATORY PROTECTION (Specify Type)

None

EYE PROTECTION

Safety glasses should suffice in normal use.

GLOVES (Specify Type)

Not normally required.

OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)

None

Section 8 – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wipe up and use clear water to sponge area.

WASTE DISPOSAL METHOD

Small amounts can be disposed to sewer. HW-D001

Section 9 – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Protect container from damage. For water test purposes only. Keep container closed when not in use and properly labeled.

OTHER PRECAUTIONS

Avoid smoking, sparks and open flames during use or disposal.

Shipping Name

DOT: Consumer Commodity ORM-D (Show Flash Point 70° F. for water transport)

IATA: Consumer Commodity ORM-D Air, Flammable Liquid (Isopropanol – Flash Point 70° F. TCC)

Prepared By: W. M. Morris

Date: 1/79