

14065

MATERIAL SAFETY DATA SHEET

For Assistance, Contact:
Regulatory Affairs Dept.
PO Box 907 Ames, IA

HACH COMPANY
PO Box 907
Ames, IA 50010

Emergency Telephone #
(515) 232-2533

I. PRODUCT IDENTIFICATION

CATALOG NUMBER: 14065 PRODUCT NAME: NitriVer[®] 3 Nitrite Reagent
CAS, NO: NA CHEMICAL NAME: Not applicable
FORMULA: Not applicable
CHEMICAL FAMILY: Not applicable

DATE: 06/08/87
CHANGE NO.: 6617

NO₂ + NO₂ Test

II. INGREDIENTS

INGREDIENTS	I	CAS NUMBER	TLV	PEL	NATURE of HAZARD
Potassium Phosphate, Monobasic	(85)	1778-77-0	Not established	Not established	Moderately toxic; may cause irritation
Sodium Sulfanilate	(15)	515-74-2	Not established	Not established	Toxicity unknown
Potassium Pyrosulfate	(10)	7790-62-7	Not established	Not established	Aqueous solution is strongly acidic
4,5-Dihydroxy-2,7-naphthalenedisulfonic Acid, Disodium Salt	(5)	129-96-4	Not established	Not established	May cause irritation
CDTA Trisodium Salt	(5)	36679-96-6	Not established	Not established	Toxicity unknown; may cause irritation

III. PHYSICAL DATA

STATE: solid | APPEARANCE: White powder | ODOR: Not determined
 SOLUBILITY IN: WATER: Soluble | ACID: Not determined | OTHER: Not determined
 BOILING PT.: NA | MELTING PT.: *224C | SPECIFIC GRAVITY: ND | pH: of 5% soln. = 3.2
 VAPOR PRESSURE: Not applicable | VAPOR DENSITY (air=1): NA | EVAPORATION RATE: NA
 METAL CORROSIVITY - ALUMINUM: ND | STEEL: ND | STABILITY: See Conditions to Avoid
 STORAGE PRECAUTIONS: Store in a cool, dry place.

IV. FIRE, EXPLOSION HAZARD AND REACTIVITY DATA

FLASH PT.: Not applicable | METHOD: NA | FLAMMABILITY LIMITS - LOWER: NA | UPPER: NA
 SUSCEPTIBILITY TO SPONTANEOUS HEATING: None
 SHOCK SENSITIVITY: None | AUTOIGNITION PT.: NA
 EXTINGUISHING MEDIA: water, carbon dioxide, or dry chemical
 FIRE/EXPLOSION HAZARDS: May emit toxic fumes in fire
 HAZARDOUS DECOMP. PRODUCTS: May emit toxic fumes of phosphorus oxides in fire
 OXIDIZER: No | NFPA Codes Health: 2 | Flammability: 0 | Reactivity: 1
 CONDITIONS TO AVOID: Heat, moisture

V. HEALTH HAZARD DATA

THIS PRODUCT MAY BE corrosive to eyes, wet skin and respiratory tract.
 ACUTE TOXICITY: Moderately toxic
 ROUTES OF EXPOSURE: ingestion, inhalation, contact
 TARGET ORGANS: all body tissues
 CHRONIC TOXICITY: Not determined
 ROUTES OF EXPOSURE: Not determined
 TARGET ORGANS: Not determined
 CARCINOGEN, MUTAGEN, TERATOGEN DATA: Not applicable
 ROUTES OF EXPOSURE: Not applicable
 TARGET ORGANS: Not applicable

14065

Hach Company, WORLD HEADQUARTERS, PO Box 389, Loveland, CO 80539
Hach Europe, BP 51, B5000 Namur 1, Belgium

OVEREXPOSURE: Causes burns to moist tissues

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None reported

VI. PRECAUTIONARY MEASURES

Wash thoroughly after handling.
Avoid contact with eyes, skin and clothing.
Do not breathe chemicals.

PROTECTIVE EQUIPMENT: adequate ventilation, safety glasses, disposable gloves

VII. FIRST AID

EYE AND SKIN CONTACT: Immediately flush eyes with water for 15 minutes. Call physician. Flush skin with plenty of water.

INGESTION: Do not induce vomiting. Give large quantities of water. Give at least 1 ounce of milk of magnesia in an equal amount of water, or the whites of 3 eggs. Never give anything by mouth to an unconscious person. Call physician.

INHALATION: Remove to fresh air. Give artificial respiration if necessary. Call physician.

VIII. SPILL AND DISPOSAL PROCEDURES

IN CASE OF SPILL OR RELEASE: Scoop into a beaker and dissolve in water. Pour down the drain with excess water.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

IX. TRANSPORTATION DATA

PROPER SHIPPING NAME: Not Currently Regulated

HAZARD CLASS: Not applicable 1 ID: NA

X. REFERENCES

- 1) TLV's Threshold Limit Values for Chemical Substances in the Work Environment Adopted by ACGIH for 1986-1987. Cincinnati, 1986.
- 2) 29 CFR 1900 - 1910 (Code of Federal Regulations - Labor)
- 3) In-house information
- 4) Technical judgment
- 5)
- 6)
- 7)
- 8)

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