

12186

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: 12186 PRODUCT NAME: Chemical Oxygen Demand Standard Solution 300 mg/L COD
CAS NO: Not applicable CHEMICAL NAME: Not applicable
FORMULA: Not applicable
CHEMICAL FAMILY: Not applicable

II. INGREDIENTS

INGREDIENTS	I	TWA	CAS NUMBER	NATURE of HAZARD	RCRA
Potassium Acid Phthalate ACS Grade	(1	None listed	877-24-7	May cause irritation	None
Deminerzalized Water	to 100	Not applicable	7732-18-5	None	None

III. PHYSICAL DATA

STATE: liquid APPEARANCE: Clear, colorless ODDR: None
SOLUBILITY IN: WATER: Miscible ACID: Miscible OTHER: Not determined
BOILING PT.: *100C MELTING PT.: NA SPECIFIC GRAVITY: 0.987 pH: 4.7
VAPOR PRESSURE: Not determined VAPOR DENSITY (air=1): ND EVAPORATION RATE: 0.62
METAL CORROSIVITY - ALUMINUM: None STEEL: None STABILITY: See Conditions to Avoid
STORAGE PRECAUTIONS: Store tightly closed.

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: Not applicable
FIRE/EXPLOSION HAZARDS: Not applicable
HAZARDOUS DECOMP. PRODUCTS: Not applicable
OXIDIZER: No NFPA Codes Health: 0 Flammability: 0 Reactivity: 0
CONDITIONS TO AVOID: Bacterial contamination, evaporation

V. HEALTH HAZARD DATA

THIS PRODUCT IS irritating to eyes.
ACUTE TOXICITY: Practically non-toxic
ROUTE OF MOST DETRIMENTAL EXPOSURE: Not applicable
TARGET ORGANS: Not applicable
CHRONIC TOXICITY: Not determined
ROUTE OF MOST DETRIMENTAL EXPOSURE: Not determined
TARGET ORGANS: Not determined
LONG-TERM EFFECTS: Not applicable
ROUTE OF EXPOSURE: Not applicable
TARGET ORGANS: Not applicable
OVEREXPOSURE: May cause eye irritation

Hach Company
WORLD HEADQUARTERS
PO Box 389 Loveland, CO 80539

12186

Hach Europe
BP 51
B5000 Namur 1
Belgium

VI. PRECAUTIONARY MEASURES

Wash thoroughly after handling.
Avoid contact with eyes, skin and clothing.

PROTECTIVE EQUIPMENT: safety glasses, adequate ventilation

VII. FIRST AID

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

INGESTION: Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Call physician.

INHALATION: Not applicable

VIII. SPILL AND DISPOSAL PROCEDURES

IN CASE OF SPILL OR RELEASE: Dilute with 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 ID: NA

DATE: 07/23/86 CHANGE NO.: 5902

X. REFERENCES

- 1) In-house information
- 2) Judgement of technical person compiling data.
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)

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