

C1 Std.

14400

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: 14400 PRODUCT NAME: Sodium Chloride Standard Solution 491 ± 2.5 mg/L as NaCl
CAS. NO: NA CHEMICAL NAME: Not applicable
FORMULA: Not applicable DATE: 08/25/87
CHEMICAL FAMILY: Not applicable CHANGE NO.: 6617

II. INGREDIENTS

INGREDIENTS	%	CAS NUMBER	TLV	PEL	NATURE of HAZARD
Sodium Chloride	100	7647-14-5	Not established	Not established	Irritates stomach when ingested in large quantities
Demineralized Water	0	7732-18-5	Not applicable	Not applicable	None

III. PHYSICAL DATA

STATE: liquid APPEARANCE: Clear and colorless ODDR: None
SOLUBILITY IN: WATER: Miscible ACID: Miscible OTHER: Not determined
BOILING PT.: ~100C MELTING PT.: NA SPECIFIC GRAVITY: ~0.99 pH: 7.0
VAPOR PRESSURE: Not determined VAPOR DENSITY (air=1): ND EVAPORATION RATE: ND
METAL CORROSION - ALUMINUM: None STEEL: None STABILITY: Stable
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.: None
EXTINGUISHING MEDIA: Not applicable
FIRE/EXPLOSION HAZARDS: None
HAZARDOUS DECOMP. PRODUCTS: None
OXIDIZER: No NFPA Codes Health: 0 Flammability: 0 Reactivity: 0
CONDITIONS TO AVOID: None

V. HEALTH HAZARD DATA

ACUTE TOXICITY: Practically non-toxic
ROUTES OF EXPOSURE: Not applicable
TARGET ORGANS: Not applicable
CHRONIC TOXICITY: Practically non-toxic
ROUTES OF EXPOSURE: Not applicable
TARGET ORGANS: Not applicable
CARCINOGEN, MUTAGEN, TERATOGEN DATA: experimental teratogen
ROUTES OF EXPOSURE: parenteral
TARGET ORGANS: Not determined

14400

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

OVEREXPOSURE: None

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None reported

VI. PRECAUTIONARY MEASURES

Wash thoroughly after handling.

PROTECTIVE EQUIPMENT: None required

VII. FIRST AID

EYE AND SKIN CONTACT: Flush with plenty of water.

INGESTION: Give large quantities of water or milk. Call physician immediately.

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

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) Sax, N. Irving. Dangerous Properties of Industrial Materials, 6th Ed. New York: Van Nostrand Reinhold Co. 1984.
- 4) In-house information
- 5) Technical judgment

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