Vernier Software & Technology Material Safety Data Sheet (MSDS)

Section 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICAT

Ammonium Chloride solution (NH₄Cl) Standard Solution (1 mg/L NH₄+ as NL

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Section 2 COMPOSITION INCOMATION OF WALLEY

Ammonium Chloride (12125-02-9) ~0.0001 % (1 mg/L NH₄+ as N), Water (7732-18-5) ~99.999%

Synonym: Ammonium Muriate CAS#: None established

Section 3 — HAZARDS IDENTIFICATION

Clear, colorless, odorless solution.

Mildly toxic by ingestion. Irritating to body tissues. Avoid all body tissue contact.

Section 4 — FIRST AID MEASURES

Call a physician, seek medical attention for further treatment, observation and support after first aid. Inhalation: Remove to fresh air at once. If breathing has stopped give artificial respiration immediately. Eye: Immediately flush with fresh water for 15 minutes.

External: Wash continuously with fresh water for 15 rejustes

internal: Kinse out mouth, give 1 to 2 cups of water or milk, induce vomiting. Call a physician or poison control at once.

Section 5 — FIRE FIGHTING MEASURES

Non-flammable, non-combustible liquid.

Fire Fighting Instructions: Use triclass, dry chemical fire extinguisher. Firefighters should wear PPE and SCBA with full facepiece operated in positive pressure mode.

NFPA Code: None established

Section 6 — ACCIDENTAL RELEASE MEASURES

Restrict unprotected personnel from area and ventilate area. Contain spill with sand or absorbent material; deposit in sealed bag or container. See Sections 8 and 13 for further information.

STOCKAGE

Store with Store with amides nitrates and nitrites

Section 8 — EXPOSURE CONTROLS, PERSONAL PROTECTION

Avoid contact with eves, skin and clothing. Wear chemical calcab sacata

Section 0 DUVOID

Colorless liquid. Odorless.

Concentration: 1 mg/L NH4+ as N

Section 10 — STABILITY AND REACTIVITY

Avoid heat, decomposes when heated. Shelf life: Indefinite.

Section 11 — TOXICOLOGICAL INFORMATION

Acute effects: Irritant Chronic effects: N.A.

ORL-RAT LD50: 1650 mg/kg as Ammonium Chloride

IHL-RAT LC50: N.A. SKN-RBT LD50: N.A.

Target organs: Blood, central nervous system

NA = Not available, not all health aspects of this substance have been fully investigated.

Section 12 ECOLOGICAL INCORUMNO

Data not yet available

Section 13 — DISPOSAL CONSIDERATIONS

Please consult with state and local regulations.

Section 14 — TRANSPORT INFORMATION

Shipping Name: Not regulated

Hazard Class: N/A
UN Number: N/A
N/A = Not applicable

Section 15 - REGIII ATORY INFORMATION

Not listed

Section 16 — OTHER INFORMATION

This Material Safety Data Sheet (MSDS) is for guidance and is based up information and tests believed to be reliable. Vernier Software & Technology makes no guarantee of the accuracy or completeness of the data and shall

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