SDS No.: SS0755

SAFETY DATA SHEET

SA09752 general storage code green

Section 1

Chemical Product and Company Identification

Page E1 of E2

901 Janesville Ave. P.O. Box 901 Fort Allunson, WI 53538-0901

CHEMTREC 24 Hour Emergency Phone Number (800) 424-9300 For laboratory use only. Not for drug, food or household use.

Product

SODIUM PHOSPHATE, MONOBASIC, MONOHYDRATE

Synonyms Sodium Biphosphate, Monohydrate / Sodium Dihydrogen Phosphete, Monohydrate / Sodium Acid Phosphate, Monohydrate

Section 2

Hazarda Identification

This substance or mixture has not been classified as hazardous according to the Globally Harmonized System (GHS) of Classification and Labeling of

Signal word: Not classified Pictograms: Not classified Target organs: None known

GHS Classification: Not classified GHS Label information. Hazard statement: Not classified

Precautionary statement: Not classified

Supplemental Information:

Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wash protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Get medical attention if you feel unwell.

Ca Prop 65. This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity. Composition / Information on Ingredients

CAS

FINECS

Sodium phosphate, monobasic, monohydrate

10049-21-5

100%

231-449-2 (anhydrous)

Section 4 First Ald Measures

INGESTION: MAY BE HARMFUL IF SWALLOWED. Cell physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person

INHALATION: MAY BE HARMFUL IF INHALED MAY CAUSE RESPIRATORY TRACT IRRITATION Remove to fresh air If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention

EYE CONTACT: MAY CAUSE EYE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes. Illing upper and lower eyellds occasionally. Get immediate medical attention.

SKIN ABSORPTION: MAY BE HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE SKIN IRRITATION. Remove contaminated clothing. Flush thoroughly with mild acap nd water. If irritation occurs, get medical attention.

Fire Fighting Measures Section 5

Bultable Extinguishing Media: Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-Righters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing appearatus and full protective gear. Use water spray to keep fire-exposed containers cool

Specific Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8 Provide adequate ventilation

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways

Containment and Cleanup: Recover for reuse if not containmented. Sweep or vacuum up and place in a autable container for proper diaposal. Wash spill area with scap and

Precautions for Safe Handling: Read label on container before using. Do not wear contact lenses when working with chemicals. Keep out of reach of children. Avoid contact with eyes, skin and clothing. Do not inhale dusts, Use with adequate ventilation. Avoid ingestion. Wash thoroughly after handling. Remove and wash clothing before reuse.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area away from incompatible substances

Section 8 Exposure Controls Personal Protection

Exposure Limits:

Chemical Nam Sodium phosphate

ACGIH (TLV) Not established

OSHA (PEL) Not established

NIOSH (REL) Not established

A - Market State of the section

Marine pollutant: No

Supercedes: June 6, 2016

Engineering controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles, or faceshield, lab coat or apron, appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in furne hood or wear a NIOSH/MSHAapproved respirator

Section 9 Physical & Chemical Properties

Appearance: Solid White, crystalline powder.

Odor threshold: Data not available

pH: 4.5 Melting / Freezing point: 100°C (212°F)

Boiling point: 204°C (399°F) Flash point: Not flammable

Evaporation rate (= 1): Data not available Flammability (solid/pas): Data not available. Explosion limits: Lower / Upper: Data not available Vapor pressure (mm Hg): Data not available

Hazardous polymerization: Will not occur.

Vapor density (Air= 1): Data not available Relative density (Specific gravity): 2,04 Solubility(les): 59 9 g/100 g water @ 0°C (32°F)

Partition coefficient: Data not available Auto-ignition temperature: Data not available Decomposition temperature: Data not available

Viscosity: Data not svaliable Molecular formula: NaH₂PO₄°H₂O Molecular weight: 137,99

Section 10 Stability & Reactivity

Chemical stability: Stable

Conditions to avoid: Excessive temperatures, heat and moisture

Incompatible materials: Strong oxidizers, strong acids, antipyrine, chloral hydrate, lead acetate, pyrogaliol, resorcinol, alkaloids, water and moisture

Hazardous decomposition products: Sodium oxides and phosphorous,

Section 11 Toxicological information

Acute toxicity: Oral-rat LD50 8290 mg/kg (anhydrous) Skin corresion/irritation: Data not availa

Serious eye damage/irritation: Data not available Respiratory or skin sensitization: Data not available

Germ cell mutagenicity: Data not available

Carcinogenity: Data not available

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

IARC, No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

Reproductive toxicity: Data not available STOT-single exposure: Data not available STOT-repeated exposure: Data not available Aspiration hezard: Data not available

Potential health effects:

Inhalation; Inhalation may cause mild drying effect on the respiratory tract and mucous membranes.

Ingestion: Ingestion may cause diarrhea Skin: Contact may cause mild imtation. Eves: Contact may cause mild irritation

Signs and symptoms of exposure: Exercise appropriate procedures to minimize potential hazards Additional Information: RTECS #: Date not sysilable

Section 12 Ecological Information

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Hazard class: Not applicable

Bjoaccumulative potential: No data available Persistence and degradability: No data available Mobility in soil: No data available PBT and vPvB assessment: No data available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Section 13 Disposal Considerations

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

Section 14 Transport Information (US DOT / CANADA TDG) Shipping name: Not Regulated UN/NA number: Not applicable

Exceptions: Not applicable 2016 ERG Guide # Not applicable

Section 16 Regulatory Information 1. A chemical is considered to be listed if the CAS number for the antiydrous for is on the Inventory list

TSCA CERLCA (RO) RCRA code DSL NDSL Component Not listed Not listed Listed Not listed Sodium phosphate (7558-80-7) Listed

Packing group: Not applicable

Section 16 Other Information

The information contensed herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make under determinations of sustability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP. National Toiscology Progr. IARC Informational Agency for Research on Cancer, OSHA: Occupational Safety and Health Administration, STOT: Spacific Target Organ Toiscrity, SE. Single Exposure. RE Repositor Exposure.

Form 08/2015

Revision Date: February 8, 2017

Reportable Quantity: No