

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : V.I.P.

Product form: Liquid

Other means of identification: 0104

Relevant identified uses of the substance or mixture: All purpose cleaner

Details of the supplier of the safety data sheet

Manufacturer:

Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150

Phone: 816-472-5515

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Skin corrosion/ irritation (Category 2)

Serious eye damage / eye irritation (Category 1)

Carcinogenicity (Category 2)

Acute aquatic toxicity (Category 3)



Signal Word

Danger

Hazard Statements

Causes skin irritation.

Causes serious eye damage

Suspected of causing cancer.

Harmful to aquatic life.

Precautionary Statements – Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

If exposed or concerned get medical advice/attention.

Precautionary Statements – Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately Call a POISON CENTER or doctor/physician.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs get medical advice/attention. Take off all contaminated clothing and wash before reuse.

IF SWALLOWED: Rinse mouth, Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements – Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

| Name | CAS # | Weight % |
|--------------------------|--------------|-----------------|
| Potassium hydroxide | 1310-58-3 | 1-5 |
| Trisodium phosphate | 7601-54-9 | 1-5 |
| Sodium tripolyphosphate | 7758-29-4 | 1-5 |
| Oleic acid | 112-80-1 | 1-5 |
| Nonylphenol, ethoxylated | 127087-87-0 | 0.5-1.5 |
| Alkanolamide blend | Confidential | 1-5 |
| Diethanolamine | 111-42-2 | 1-2 |

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately get medical attention.

Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash skin with soap and plenty of water. Get medical advice/attention if irritation occurs..

Most Important Symptoms and Effects, both Acute and Delayed Symptoms

May cause serious eye damage and skin irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media: Do not use a water jet as it may spread the fire..

Specific Hazards Arising from the Chemical

Fire or excessive heat may produce hazardous decomposition products.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment, municipal sewers.

Methods for Cleaning Up: Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

| <u>Chemical Name</u> | <u>CAS #</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> | <u>NIOSH</u> | <u>WEEL</u> |
|--------------------------|--------------|--------------------------|---------------------------|-----------------------------------|---------------------------|
| Potassium hydroxide | 1310-58-3 | No exposure limits | CEIL: 2 mg/m ³ | TWA: 2 mg/m ³ | |
| Trisodium phosphate | 7601-54-9 | No exposure limits | No exposure limits | No 1 exposure limits | STEL: 5 mg/m ³ |
| Sodium tripolyphosphate | 7758-29-4 | No exposure limits | No exposure limits | No exposure limits | |
| Oleic acid | 112-80-1 | No exposure limits | No exposure limits | No exposure limits | |
| Nonylphenol, ethoxylated | 127087-87-0 | No exposure limits | No exposure limits | No exposure limits | |
| Alkanolamide blend | Confidential | No exposure limits | No exposure limits | No exposure limits | |
| Diethanolamine | 111-42-2 | TWA: 1 mg/m ³ | No exposure limits | TWA: 3ppm 15 mg/m ³ | |

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles and face shield where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

| | |
|------------------------------|----------------------|
| Physical State | liquid |
| Color | Pink |
| <u>Property</u> | <u>Values</u> |
| pH | 11-12.5 |
| Melting Point/Freezing Point | No data available |
| Boiling Point/Boiling Range | 100 ° C (212 ° F) |
| Flash Point | None |
| Evaporation Rate | No data available |
| Flammability (Solid,Gas) | n/a-liquid |
| Upper Flammable Limits | No data available |
| Lower Flammable Limits | No data available |
| Vapor Pressure | No data available |
| Vapor Density | No data available |
| Specific Gravity | 1.03 |

| | |
|------------------------------|-------------------|
| Water Solubility | Soluble in Water |
| Solubility in Other Solvents | No data available |
| Partition Coefficient | No data available |
| Autoignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Kinematic Viscosity | No data available |
| Dynamic Viscosity | No data available |
| Explosive Properties | Not an Explosive |
| Oxidizing Properties | Not an oxidizer. |
| Odor | Citrus |
| Odor Threshold | No data available |

Section X – Stability & Reactivity

Reactivity

No data available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No data available

Conditions to Avoid

No data available

Incompatible Materials

Oxidizing agents.

Hazardous Decomposition Products

Carbon oxides.

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes serious eye damage

Skin Contact: Avoid contact with skin.

Ingestion: May be harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

| Chemical Name | CAS # | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------|--------------|-------------------|----------------------|------------------------|
| Potassium hydroxide | 1310-58-3 | No data available | No data available | No data available |
| Trisodium phosphate | 7601-54-9 | No data available | No data available | No data available |
| Sodium tripolyphosphate | 7758-29-4 | >2000 mg/kg(Rat) | 4640 mg/kg (Rabbit) | >0.39 mg/l – 4 h (Rat) |
| Oleic acid | 112-80-1 | 74000 mg/kg(Rat) | No data available | No data available |
| Nonylphenol, ethoxylated | 127087-87-0 | >3310 ml/kg (Rat) | >2000 ml/kg (Rabbit) | No data available |
| Alkanolamide blend | Confidential | No data available | No data available | No data available |
| Diethanolamine | 111-42-2 | 710 mg/kg (Rat) | 12200 mg/kg (Rabbit) | No data available |

| Chemical Name | Potassium hydroxide | Trisodium phosphate | Sodium tripolyphosphate | Oleic acid |
|--|-----------------------------|----------------------------------|-----------------------------|-----------------------------|
| Skin corrosion/irritation | Corrosive | irritating | No irritation | Irritation |
| Serious eye damage/irritation | Serious eye damage | Moderate irritation | No irritation | Mild Irritation |
| Respiratory or skin sensitization | Not a sensitizer | No data available | Not a sensitizer | No data available |
| Mutagenicity | negative | No data available | negative | No data available |
| Carcinogenicity | Not considered a carcinogen | Not considered a carcinogen | Not considered a carcinogen | Not considered a carcinogen |
| Reproductive toxicity | Not expected to cause. | No data available | No data available | No data available |
| Specific target organ toxicity-Single exposure | Not classified | May cause respiratory irritation | No data available | No data available |
| Specific target organ toxicity-repeated exposure | Not classified | No data available | No data available | No data available |
| Aspiration hazard | Not an aspiration hazard. | No data available | No data available | No data available |

| Chemical Name | Nonylphenol, ethoxylated | Alkanolamide blend | Diethanolamine |
|--|-----------------------------|-----------------------------|--|
| Skin corrosion/irritation | irritation | irritation | Mild irritation |
| Serious eye damage/irritation | Serious eye damage | Serious eye damage | Serious eye damage |
| Respiratory or skin sensitization | Not a sensitizer | No data available | No data available |
| Mutagenicity | negative | No data available | No data available |
| Carcinogenicity | Not considered a carcinogen | Not considered a carcinogen | Group 2B: Possible carcinogenic to humans. |
| Reproductive toxicity | Not expected to cause. | Not expected to cause. | No data available |
| Specific target organ toxicity-Single exposure | Not classified | No data available | No data available |
| Specific target organ toxicity-repeated exposure | Not classified | No data available | No data available |
| Aspiration hazard | Not an aspiration hazard. | No data available | No data available |

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. Diethanolamine.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

| Chemical Name | CAS # | Algae/aquatic plants | Fish | Aquatic invertebrates |
|--------------------------|--------------|----------------------|---|--|
| Potassium hydroxide | 1310-58-3 | No data available | LC50 – Gambusia affinis (western mosquito fish) -80 mg/l - 96 h | No data available |
| Trisodium phosphate | 7601-54-9 | No data available | No data available | No data available |
| Sodium tripolyphosphate | 7758-29-4 | No data available | No data available | EC50 - Daphnia magna (Water flea) - >100 mg/l - 48 h |
| Oleic acid | 112-80-1 | No data available | LC50-Pimephales promelas (fathead minnow)-205 mg/l – 96 h | No data available |
| Nonylphenol, ethoxylated | 127087-87-0 | No data available | No data available | No data available |
| Alkanolamide blend | Confidential | No data available | No data available | No data available |
| Diethanolamine | 111-42-2 | No data available | LC50-Pimephales promelas (fathead minnow)-1460 mg/l – 96 h | EC50 - Daphnia magna (Water flea) - 55 mg/l - 48 h |

Persistence and Degradability

No data available

Bioaccumulation

No data available

Mobility

No data available

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Bulk or Non-Bulk: UN3082, Environmentally hazardous substance, liquid, N.O.S.(Diethanolamine, nonylphenol, ethoxylated), 9, PGIII

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Acute, chronic health hazard

SARA Title III Section 313 (40CFR372): One reportable component: Diethanolamine

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is not known to contain chemicals currently listed as carcinogens or reproductive toxins. Diethanolamine.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|--------------------------|-------------------|----------------------|---------------------|
| Potassium hydroxide | X | X | X |
| Trisodium phosphate | X | X | X |
| Sodium tripolyphosphate | X | X | X |
| Oleic acid | X | Not regulated | X |
| Nonylphenol, ethoxylated | Not regulated | Not regulated | Not regulated |
| Alkanolamide blend | Not regulated | Not regulated | Not regulated |
| Diethanolamine | X | X | X |

Section XVI - Other information

HMIS ratings: Health: 3
Flammability: 0
Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 10/15/2015 Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

END OF SDS