



PHYXIUS
Minnesota employee right-to-know program

General company policy

The purpose of this notice is to inform you our company is complying with the Minnesota OSHA Employee Right-to-Know standard by providing you with training about the hazardous materials, harmful physical agents and infectious agents you are exposed to on the job. As part of this effort, we have compiled a list of the hazardous chemicals used in our facility, collected material safety data sheets (SDS) from our vendors for these chemicals, received reference material about the other harmful agents employees are exposed to, ensured that containers are labeled and signs are present in the hazardous areas.

This program applies to all work operations in our company where you may be exposed to hazardous substances, harmful physical agents or infectious agents under normal working conditions or during an emergency situation.

Amy Larson is the OSHA coordinator and has overall responsibility for the program. **Amy Larson** will review and update the program, as necessary. Copies of the written program may be obtained from **Amy Larson**.

With this program, you will be informed of the contents of the Minnesota OSHA Employee Right-to-Know standard, the hazardous properties of the chemicals you work with, safe handling procedures and measures to take to protect yourselves from these chemicals. You will also be informed of the hazards associated with nonroutine tasks and the hazards associated with chemicals in unlabeled pipes.

Training

Everyone who works with or is potentially exposed to hazardous chemicals, harmful physical agents or infectious agents will receive initial training about the Employee Right-to-Know standard and the safe use of those chemicals or agents prior to work assignment. A program has been prepared for this purpose and is outlined below. Whenever a new hazard is introduced, additional training will be provided. Training updates will be performed at least annually and may be brief summaries of information included in previous training sessions. The program coordinator is responsible for ensuring this training is provided.

Training plan

The employee right-to-know training will include:

- a summary of the standard and this written program;
- the chemical and physical properties of hazardous materials and methods that can be used to detect the presence or release of chemicals (including chemicals in unlabeled pipes);
- the physical hazards of chemicals (e.g., potential for fire, explosion, etc.);
- the name of the substance or agent and the level, if established, at which exposure to the hazard has been restricted according to standards adopted by the commissioner, or, if no standard has been adopted, according to guidelines established by competent professional groups;
- the health hazards, including signs and symptoms, associated with exposure to chemicals, harmful physical agents and infectious agents, and any medical condition known to be aggravated by exposure to these hazards;
- the procedures to protect against those hazards (e.g., use and maintenance of personal protective equipment; work practices or methods for proper use and handling of chemicals; and procedures for emergency response);
- the work procedures to follow to assure protection when cleaning up incidental spills and leaks of hazardous chemicals;
- the location in the facility where SDSs, physical agent data sheets (PADSs) and infectious agents information can be found;
- instruction about how to read and interpret the information on labels, SDSs and PADSs; and
- direction about how employees may obtain additional hazard information.

Records of training will be maintained for three years in **OSHA Book or online via STAR** and will include:

- the dates of training;
- the name, title and qualifications of the person who conducted the training;
- the names and job titles of the employees who completed the training; and
- a brief summary or outline of the information that was included in the training session.

Reviewed/Revised Jan 2022

List of hazardous chemicals: found in the attachment at the end

The Program Leader/Director has created the list of all hazardous substances and related work practices in the facility and will update the list as necessary. The list of chemicals identifies all of the chemicals used in work areas. A separate list is available for each individual work area. Any required SDS can be found in the SDS tab in the OSHA Book.

There are no harmful physical agents at any Phyxius Inc. facility.

There are no infectious agents at any Phyxius Inc. facility.

Safety data sheets (SDSs formally MSDS)

SDS provide you with specific information about the chemicals you use. The program coordinator will maintain a binder titled “OSHA BOOK” at each facility with an SDS about every substance on the list of hazardous chemicals identified in the facility.

The program coordinator is responsible for acquiring and updating SDSs. He or she will contact the chemical manufacturer or vendor if additional research is necessary, or if an SDS has not been supplied with an initial shipment. All new materials to be brought into the facility must be cleared by the program coordinator.

Labels and other forms of warning

The program coordinator will ensure all hazardous chemicals in the facility are properly labeled and updated as necessary. Manufacturer's container labels should be left on the containers if possible and must list, at a minimum, the chemical's identity, the appropriate hazard warning, and the name and address of the manufacturer, importer or other responsible party.

If you transfer chemicals from a manufacturer's container into another container, the new container must have a label that identifies the chemical identity and any appropriate hazard warning. Immediate-use containers, which are containers of hazardous substances remaining under the control of one employee *and* that are emptied during the same work shift, need not be labeled.

Pipes or piping systems do not have to be labeled, but their contents will be described in the training session.

Non-routine tasks

When you are required to perform hazardous nonroutine tasks, a special training session will be conducted by the **Program Leader/Director** to inform you regarding the hazardous chemicals you might be exposed to and the proper precautions to take to reduce or avoid exposure. SDS will be available about the hazardous chemicals used. The program coordinator is responsible for ensuring about this training is provided.

Phyxius is not a Multi-employer workplace

Reporting:

Employees who have experienced a work-related injury should refer to the Phyxius Workers Compensation Policy for further direction. Workers have the right to report their own work-related inpatient hospitalizations, amputations, and all losses of an eye within 24 hours. This report is made directly to OSHA and is free from retaliation by the employer. If you choose to call this report in yourself, the toll-free number for MNOSHA is: 1-877-470-6742 You must call during their regular business hours of 8am-4:30pm Mon-Fri. If calling outside normal hours you may call the Federal OSHA: 1-800-321-6742.

Frequency of training:

The program coordinator will review our employee training program on a regular basis and will advise management regarding initial or annual refresher training needs. Retraining is also required whenever a new hazard is introduced into the workplace. As part of the assessment of the training program, the OSHA coordinator will obtain input from employees regarding the training they have received and their suggestions for improving it. This review will be performed annually; necessary revisions will be made to ensure currency and applicability.

OSHA Coordinator

Date:

Bloodborne Pathogen Exposure Control Plan

Responsibility:

The Program Leader/Director shall be responsible for ensuring their employees comply with the provisions of this plan. The company will provide all necessary supplies such as personal protective equipment (ie. glasses and masks), soap, bleach, Hepatitis B vaccinations, etc.

Work Practice and Controls:

Universal precautions will be observed by all employees in order to prevent contact with blood or other potentially infectious materials. All blood or other potentially infectious materials will be considered infectious regardless of the perceived status of the source individual.

1. Employees must wash their hands or other skin with soap and water, or flush mucous membranes with water, as soon as possible following an exposure incident.
2. Employees must wash their hands immediately after removal of gloves or other personal protective equipment.
3. Employees who encounter improperly disposed needles shall notify their Program Leader/Director. Needles shall be disposed of in labeled sharps containers.
 - Needles should never be recapped
 - Needles may be moved only by using a mechanical device or tool (forceps, pliers, broom and dust pan).
4. Breaking or shearing of needles is prohibited.
5. No eating, drinking, smoking, applying cosmetics or lip balm, or handling contact lenses is allowed in a work area where there is a reasonable likelihood of occupational exposure.
6. Employees must perform all procedures involving blood or other potentially infectious materials in such a manner as to minimize splashing, spraying, and generation of droplets of these substances.

Housekeeping:

Decontamination will be accomplished by utilizing the following materials:

1. A disinfectant. EPA registered would be preferred
2. All contaminated work surfaces, tools, objects, ect., will be decontaminated immediately after any spill of blood or other potentially infectious materials. The disinfectant must be left in contact with the contaminated surface for at least 10 minutes before cleaning.
3. Equipment that may become contaminated with blood or other potentially infectious materials will be examined prior to use.
4. Broken glassware will not be picked up directly with the hand. Sweep or brush the material into a dustpan.
5. Known or suspected contaminated sharps shall be discarded immediately into sharps containers that are labeled with the appropriate biohazard label.
6. When containers of contaminated sharps are being moved from area of use or discovery, the containers shall be closed before removal or replacement to prevent spillage or protrusion of contents during handling, storage, or transport.
7. Reusable containers shall not be opened, emptied, or cleaned manually or in any other manner that would expose employees to the risk of injury

Laundry Procedures:

Laundry contaminated with blood or other potentially infectious material will be handled as little as possible. Such laundry will not be sorted or rinsed in the same area as regular laundry.

Personal Protective Equipment:

The company will provide gloves, face shields, eye protection, and aprons at no cost to employees. The employees must:

1. Utilize protective equipment in occupational exposure situations
2. Remove garments that become penetrated by blood or other potentially infectious material immediately.
3. Remove all garments that are torn or punctured, or that lose their ability to function as a barrier to bloodborne pathogens.
4. Remove all personal protective equipment before leaving the work area.
5. Place all garments in the appropriate designated areas or container for storage, cleaning, decontamination, or disposal.

Hepatitis B Vaccine:

The Hepatitis B vaccination shall be made available after the employee has received the training in occupational exposure and within 10 working days of initial assignment. It shall be made available to all employees who have potential occupational exposure unless the employee has previously received the complete Hepatitis B vaccination series, antibody testing has revealed that the employee is immune, or the vaccine is contraindicated for medical reasons.

If the employee initially declines Hepatitis B vaccination, but at a later date decides to accept the vaccination, the vaccination shall then be made available.

All employees who decline the Hepatitis B vaccination offered shall sign the OSHA required waiver indicating their refusal.

If a routine booster of Hepatitis B vaccine is recommended by D.S Public Health Service at a future date, such booster doses shall be made available at no cost to the employee.

The Hepatitis B vaccine shall be offered to all staff that work with clients.

Post-Exposure Evaluation and Follow-up:

All exposure incidents shall be reported, investigated, and documented. All exposure incidents shall be reported immediately to a supervisor.

Following a report of an exposure incident, the exposed employee shall go to the nearest medical facility for a confidential medical evaluation and follow-up, including at least the following elements:

1. Documentation of the route(s) of exposure.
2. A description of the circumstances under which the exposure occurred.
3. The identification and documentation of the source individual (The identification is not required if the employer can establish that identification is impossible or prohibited by state or local law.)
4. The collection and testing of the source individual's blood for testing for HBV and HIV serological status if possible.
5. Post-exposure treatment for the employee, when medically indicated in accordance with the U.S. Public Health Service.
6. Counseling.
7. Evaluation of any reported illness.

The healthcare professional evaluating an employee will be provided with the following information:

1. A copy of this plan.
2. A copy of the OSHA Bloodborne Pathogen regulations (29 CFR 1910.1030)
3. Documentation of the route(s) of exposure
4. A description of the circumstances under which the exposure occurred.
5. Results of the source individual's blood testing, if available.
6. All medical records applicable to the treatment of the employee, including vaccination status.

The employee will receive a copy of the evaluating healthcare professional's written opinion within 15 days of the completion of the evaluation.

The healthcare professional's written opinion for Hepatitis B vaccination is limited to the following:

1. Whether the employee needs a Hepatitis B vaccination.
2. Whether the employee has received such vaccination.

The healthcare professional's written opinion for post-exposure evaluation and follow-up is limited to the following information:

1. That the employee was informed of the results of the evaluation
2. That the employee was informed about any medical conditions resulting from exposure to blood or other infectious materials that require further evaluation or treatment.

All other findings or diagnoses will remain confidential and will not be in written report.

All medical evaluations shall be made by or under the supervision of a licensed physician or by or under the supervision of another licensed healthcare professional. An accredited laboratory at no cost to the employee must conduct all laboratory tests. All medical records will be kept in accordance with 29 CFR 1910.1020.

Training:

All employees shall participate in a training program. Training will occur prior to being assigned to a task where occupational exposure may take place and at least annually thereafter. Additional training will be provided when changes such as a modification of tasks or procedures occur.

Any employee who is exposed to infectious materials shall receive training, even if the employee was allowed to receive the HBV vaccine after exposure.

Hepatitis B Vaccine Declination

I understand that due to my occupational exposure to blood or other infectious materials that I may be at risk of acquiring Hepatitis B virus infection. I have been given the opportunity to be vaccinated with the Hepatitis B vaccination at no charge to myself. However, I decline the Hepatitis B vaccination at this time. I understand that by declining this vaccination, I continue to be at risk of acquiring Hepatitis B, a serious disease. If in the future I continue to have occupational exposure to blood or other potentially infectious materials and I want the Hepatitis B vaccine, I can receive the vaccination series at no charge to me.

(print name) _____

(title) _____

(date) _____

(signature) _____

ALPHA House Chemical Use List	
Chemicals	Amount of Use
All Laundry Pods	Daily
Hand Sanitizer	Daily
Clorox Toilet Bowl Cleaner	Daily
Dial Antibacterial Hand Soap	Daily
Car Wash Soap	Summer months Monthly
Bug Defense Spray	Quarterly
Clorox Disinfectant Wipes	Daily
Clorox Disinfectant Spray	Daily
Windex	Daily
Bleach	Daily
Multipurpose Cleaner	Daily
Antibacterial All-purpose Cleaner	Daily
Uric Acid	Weekly
Vinegar Cleaner	Daily
Shower Cleaner (Dish soap and vinegar)	Weekly
Upholstery Cleaner	Weekly
Fabuloso Floor Cleaner	Daily
Goo Gone	Monthly
Easy Off Oven Cleaner	Monthly
WD-40	Quarterly
Dish Soap	Daily
Dish washer pods	Daily
Rinse Aid	Weekly
Stain Remover	Weekly
WD-40	Quarterly
Great Value Carpet Cleaner	Monthly
Great Value Mold and Mildew	Yearly
Mean Green	Monthly
Oboban Sanitizing Spray	Daily
Pledge Surface Spray	Daily

Beta House Chemical Use List	
Chemicals	Amount of Use
Tide Laundry Detergent	Daily
Tide Power Laundry Detergent	Daily
Germ X Hand Sanitizer	Daily
Liquid Plumber Gel	Monthly
Equate Antibacterial Hand Soap	Daily
Car Wash Soap	Summer months weekly
Bug Defense Spray	Quarterly
Great Value Disinfectant Wipes	Daily
Great Value Disinfectant Spray	Daily
Windex	Daily
Color Safe Bleach	Bi-Weekly
Tough & Tender Multipurpose Cleaner	Daily
409 Antibacterial Cleaner	Daily
Uric Acid	Monthly
Soft Scrub	Weekly
Shower Cleaner	Weekly
Great Value Pledge	Daily
409 Multipurpose Cleaner	Daily
Easy Off Oven Cleaner	Monthly
Bug Spray	As needed
Oxy Clean Powder	Monthly
Raid Maxx	Quarterly
Lysol, Santeen & Soft Scrub Toilet Bowl Cleaner	Daily
Diaper Rash Spray(Lidocaine,Prilocaine,Bacteriostatic Water)?	Daily
Fabuloso/Pine Sol	Daily

Jan 2022

DELTA

Items Used On a Daily Basis:

Ajax Dishwasher Soap
Great Value Dishwasher Packs
Equate Hand Soap
Clorox Toilet Bowl Cleaner and The Works Cleaner
Windex Glass Cleaner
Hand Sanitizer comes in multiple brands
Clorox Wipes
All Laundry Detergent
Febreze
Pine Sol Floor Cleaner
409 All Purpose Cleaner

Items Used On a Weekly Basis:

Bleach
Tide Pods
Ultimate Fresh Dryer Sheets

Items Used On a Monthly Basis:

Uric Acid Eradicator
Clorox
Woolite
Vinegar and Fabuloso Disinfecting Spray
Rust Lime Calcium All Purpose Cleaner

Items Used On a Yearly Basis:

Scotch Guard
Mold Spray

November 2021

Epsilon Haz Mat Chemical List:

Need to have located at the house:

- Dish Soap-Daily
- Dishwasher Pods-Daily
- Laundry Detergent-Daily
- Glade Spray-Daily
- Uric Acid-Daily
- Disinfectant Spray-Daily
- Windex-Weekly
- Bathroom Cleaner w/ Bleach-Daily
- Toilet Bowl Cleaner-Daily
- Bleach-Weekly
- Liquid Plummer-As Needed
- Disinfectant Wipes-Daily
- Hand Soap-Daily
- Multi-purpose Cleaner-Daily
- Oven Cleaner-Monthly
- Hand Sanitizer-Daily
- Lime-a-way- As Needed
- WD 40- As Needed

GAMMA

Items Used On a Daily Basis:

Scrubbing Bubbles- Used Daily
Dawn Dish Soap- Used Daily
Equate Hand Soap- Used Daily
Lysol and No Works Toilet Bowl Cleaner- Used Daily
Great Value or Windex Glass Cleaner- Used Daily
No Works Shower Cleaner- Used Daily
Members Mark Hand Sanitizer- Used Daily
Disinfectant Wipes and Spray- Used Daily
All Laundry Detergent- Used Daily
Febreeze- Used Daily
Proforce Floor Cleaner- Used Daily
Uric Acid Eradicater

Items Used On a Weekly Basis:

Clorox Bleach-2-3 times a week
Pledge- 2 times a Week
Pine Sol-3 times a week
Mr. Clean-antibacterial-2 times a week
Vinegar-3 times a week
Kabook Foamtastic Shower Cleaner

Items Used On a Monthly Basis:

Draino-1 time a month as needed for clogs
Proforce Oven and Grill Cleaner- 1 Time a Month
MOLDEX Instant Mold & Mildew Stain Remover

Kalimera Haz Mat Chemical List

Daily

Hand Sanitizer
Clorox Toilet Bowl Cleaner
Dial Antibacterial Hand Soap
Clorox Disinfectant Wipes
Clorox Disinfectant Spray
Windex
Bleach
Multipurpose Cleaner
Antibacterial All-Purpose Cleaner
Vinegar Cleaner
Mr. Clean Floor Cleaner
Dish Soap
Glade/Febreeze Scented Spray

Weekly

Laundry Pods (Tide)
Shower Cleaner (Dish Soap/Vinegar Combination)
Upholstery Cleaner

Monthly

Easy Off Oven Cleaner
Stain Remover
Raid Ant Spray
Endust (multi-surface dusting spray)

As Needed

Uric Acid Cleaner

Kalinychta Chemical List

Drano Liquid

Scrubbing Bubbles Bathroom Grime Fighter

HDX Disinfectant Spray

Odor Ban Eliminates odor- Disinfectant

Windex with vinegar

Hydrogen Peroxide Bathroom Cleaner- Lysol

Kitchen Pro antibacterial cleaner- Lysol

Dawn Platinum 4x grease dish soap - 3x Pet

odor eliminator or fabric freshener Vinegar

Microban 24-hour bathroom cleaner

Glade spray - Clean Linen

Glade spray - Lemon scent

Soft soap Antibacterial

Disinfectant Spray

Pine Sol

Oven Cleaner

Toilet bowl cleaner

Glass cleaner

Hand sanitizer - 2x

Omega House Chemical Use
List Jan 2022

Chemicals	Amount of Use
ALL Free Clear Oder Relief Pods	Daily
Germ X Hand Sanitizer	Daily
Soft Soap Antibacterial Hand Soap	Daily
Great Value Lysol Toilet Bowl Cleaner	Daily
Febreze	Daily
Oxy Deep Cleaner (Shampooer)	Use As Needed
Great Value Disinfectant Wipes	Daily
Great Value Disinfectant Spray	Daily
Windex	Daily
Great Value Easy Off Oven Cleaner	Monthly
Microban 24 Hour Multi-Purpose Cleaner	Daily
La Totally Awesome Dish Soap	Daily
Lysol Floor Cleaner	Daily
Comet lemon Fresh Bleach	Use as Needed
Goo Gone Gel Spray	Use As Needed
Automatic Dishwasher Pods	Daily
Uric Acid	As Needed

Sigma House Chemical Use List	
Chemicals	Amount of Use
All Laundry Pods	Daily
Hand Sanitizer	Daily
Clorox Toilet Bowl Cleaner	Daily
Dial Antibacterial Hand Soap	Daily
Car Wash Soap	Summer months Monthly
Bug Defense Spray	Quarterly
Clorox Disinfectant Wipes	Daily
Clorox Disinfectant Spray	Daily
Windex	Daily
Bleach	Daily
Multipurpose Cleaner	Daily
Antibacterial All-purpose Cleaner	Daily
Vinegar Cleaner	Daily
Shower Cleaner (Dish soap and vinegar)	Weekly
Upholstery Cleaner	Weekly
Fabuloso Floor Cleaner	Daily
Goo Gone	Monthly
Easy Off Oven Cleaner	Monthly
WD-40	Quarterly
Dish Soap	Daily
Dish washer pods	Daily
Rinse Aid	Weekly
Stain Remover	Weekly
WD-40	Quarterly

Jan 2022

Spiti

Items Used On a Daily Basis:

Ajax Dishwasher Soap
Great Value Dishwasher Packs
Equate Hand Soap
Clorox Toilet Bowl Cleaner and The Works Cleaner
Windex Glass Cleaner
Hand Sanitizer comes in multiple brands
Clorox Wipes
All Laundry Detergent
Febreze
Pine Sol Floor Cleaner
409 All Purpose Cleaner

Items Used On a Weekly Basis:

Bleach
Tide Pods
Ultimate Fresh Dryer Sheets

Items Used On a Monthly Basis:

Uric Acid Eradicator
Clorox
Woolite
Vinegar and Fabuloso Disinfecting Spray
Rust Lime Calcium All Purpose Cleaner

Items Used On a Yearly Basis:

Scotch Guard
Mold Spray

November 2021

Tarasso Chemical List Jan 2022

WD-40 Lubricant
Drain-O Pipe Cleaner
Toilet Bowl Cleaner
Bleach
Lysol Liquid Cleaner
Raid Bug Spray
Old English Wood Surface Protector
Easy-Off Oven Cleaner
Windex
Febreze Air Freshener
Cleaning Vinegar
Disinfectant Spray
Clorox Foamer
Dawn Dish Soap
Glade Laundry Detergent
Borax Powder
Dove Hand Soap
Driveway Salt
Tooth-Paste
Baking Powder
Laundry Detergent
All-Purpose Cleaner
Softsoap Hand Soap
Purell Surface Cleaner
Hand Sanitizer
Pledge Anti-Allergen and Dust Spray

Theta House Chemical Use List	
Chemicals	Amount of Use
Tide Pods	Daily
Germ X Hand Sanitizer	Daily
Liquid Plumber Gel	Monthly
Equate Antibacterial & Members Mark Hand Soap	Daily
Car Wash Soap	Summer months weekly
Bug Defense Spray	Quarterly
Clorox Disinfectant Wipes	Daily
Lysol Disinfectant Spray	Daily
Windex	Daily
Color Safe Bleach	Bi-Weekly
Tough & Tender Multipurpose Cleaner	Daily
409 Antibacterial Cleaner	Daily
Uric Acid	Monthly
Soft Scrub	Weekly
Shower Cleaner	Weekly
Tub/Tile Cleaner	Weekly
409 Multipurpose Cleaner	Daily
Easy Off Oven Cleaner	Monthly
Easy Off Grill Cleaner	Bi-Weekly
Lime Away	Monthly
Weed B Gone Weed Killer	Quarterly
Bug Spray	As needed
WD-40	Quarterly
Raid Maxx	Quarterly
Lysol, Santeen & Soft Scrub Toilet Bowl Cleaner	Daily

Items Used On a Daily Basis:

Liquid Dish Soap- Used Daily
Tub & Tile Cleaner- Used Daily
Dawn Dish Soap- Used Daily
Equate, soft soap, and home store Antibacterial Hand Soap- Used Daily
Clorox and No Works Toilet Bowl Cleaner- Used Daily
Windex and glass cleaner- Used Daily
All Purpose Cleaner -Used Daily
Members Mark Hand Sanitizer- Used Daily
Breezy dryer sheets- Used Daily
Purex laundry detergent-used Daily
Febreze- Used Daily
Multi-Surface Floor Cleaner- Used Daily
Cascade complete dishwashing soap-used daily

Items Used On a Weekly Basis:

Clorox and lysol Disinfecting Spray- 3-4 Times a Week
Pine-Sol- 4-6 Times a Week
Clorox Disinfecting Wipes – 4-6 Times a week
Clorox Disinfecting Spray – 4-6 Times a week
Fabuloso- 4-6 times a week
Scrubbing bubbles-4-6 times a week
Comet multi surface spray- 4-6 times a week
Spic and span- 4-6 times a week
All purpose cleaner- 4-6 times a week
Ultimate clean dish soap-4-6 times a week
Cascade dishwashing pods- 4-6 times a week

Items Used On a Monthly Basis:

Oven Cleaner - Monthly
Murphy Oil – Monthly
Borax – Monthly
Bleach – Monthly
Mastermark dryer sheets-monthly
All laundry pods-monthly
Cleaning vinegar-monthly
409-monthly



CANBERRA CORPORATION SAFETY DATA SHEET

1. Identification

Product Identifier: HUSKY 401 URIC ACID ERADICATOR

Application or recommended use: Bacterial cleaner and deodorizer

Restrictions on use: Do not use in any fashion not specified on the product label.

Manufacturer / supplier: Canberra Corporation

3610 N. Holland-Sylvania Rd.

Toledo, Ohio 43615 USA

Telephone: 419-841-6616 **Emergency phone:** 800-832-8992 **National Poison Center:** 800-222-1222

2. Hazards Identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.
Eye Damage/Irritation - Category 2A

Label Elements:



Symbol:

Signal word: WARNING

Hazard statements: Causes serious eye irritation.

Precautionary statements: Wash hands, face and any skin contact thoroughly after handling.

Wear eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other Hazards: None known

3. Composition / Information on Ingredients

Chemical characterization: Mixture of water, detergents, bacterial spores and auxiliary agents.

Hazardous ingredients: The exact percentage of composition has been withheld as a trade secret.

1 - 1.4% Alcohol ethoxylate

CAS 68439-46-3, EINECS/ELINCS NLP

1 - 1.4% Sodium dodecylbenzene sulfonate

CAS 25155-30-0, EINECS/ELINCS 246-680-4

Other ingredients (> 1%):

> 90% Water

CAS 7732-18-5, EINECS/ELINCS 231-791-2

4. First-Aid Measures

Symptoms: Irritation of affected areas. Causes serious eye irritation.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation: Move person to fresh air. If respiratory irritation or dizziness occurs, seek immediate medical assistance.

Skin Contact: Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water for 15-20 minutes. If irritation occurs, get medical advice/attention.

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration.

Note to Physician: Treat exposed patients symptomatically.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Not applicable. Product is not a fire hazard.

Unsuitable Extinguishing Media: High pressure water jet. **Specific hazards in case of fire:** None known.

Special Fire Fighting Precautions: Prevent human exposure to fire, smoke, fumes or products of combustion. Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing.

6. Accidental Release Measures

Emergency Procedures: Depending on the extent of release, consider the need for restriction of access to spill area.

Personal Precautions: Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

Environmental Precautions: Prevent spills from entering storm sewers/drains or contact with soil.

6. Accidental Release Measures (cont.)

Clean up Methods: Small spills may be wiped up and rinsed with water. For larger spills, contain spill with inert material (sand, clay). Transfer material to labeled containers for recovery or proper disposal. After removal, flush area with water. Follow good industrial hygiene practices.

7. Handling and Storage

Precautions for Safe Handling: Read label before use. Avoid contact with skin or eyes. Wash hands, face and any skin contact thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, eye protection, face protection. Use product only according to label directions. If unsure about safe use, contact your supervisor.

Conditions for Safe Storage: Keep out of reach of children. Do not contaminate water, food or feed by storage and disposal. Store in tightly closed, original container in a cool (10° - 30°C), dry area.

Incompatibility: None known.

8. Exposure Controls / Personal Protection

Components with occupational exposure limits: None

Engineering Controls: Proper ventilation in accordance with good industrial hygiene should be provided.

Personal Protective Equipment

Respiratory: Respiratory protection is not necessary under normal conditions of use.

Gloves: Recommended.

Eye Protection: Chemical resistant goggles or face shield.

Other: Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

9. Physical and Chemical Properties

Physical State -	Liquid	Auto-ignition temperature -	Not applicable
Color -	Light purple	Flash Point -	None
Odor -	Vanilla	Flammability -	Not applicable
Odor Threshold -	No data available	Flammability Limits -	Not applicable
Boiling Point -	212°F	Partition coefficient -	Not applicable
Decomposition temperature -	No data available	Solubility (Water) -	Complete
Freezing Point -	32°F	Vapor Density -	No data available
pH (Neat) -	6.5 - 8.0	Vapor Pressure -	No data available
Relative Density -	1.000	Viscosity -	Water thin
Evaporation Rate -	Similar to water	% VOC -	< 1 (Excluding exempt material)

10. Stability and Reactivity

Reactivity: No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected.

Incompatible materials: Oxidizers.

Chemical stability: This product is stable at ambient temperatures and pressures.

Conditions to avoid: Temperatures above 50°C or below 10°C.

Hazardous decomposition products: None known.

11. Toxicological Information

Acute Toxicity: Toxicity data is not available for this mixture. Data below are estimates based on summation methods.

Test	Results	Classification (A.0.4.1(c))	Basis (A.1.3.6.1)
Oral	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Dermal	> 2000mg/kg	Not applicable	Ingredient literature (Additive formula)
Inhalation	> 20 mg/L	Not applicable	Ingredient literature (Additive formula)
Eye Damage/Irritation	Irritation	Category 2A	Ingredient literature
Skin Damage/Irritation	Not applicable	Not applicable	Ingredient literature

Summary: Skin and eye contact are most likely routes of exposure. Causes serious eye irritation.

Subchronic/Chronic Toxicity:

Test	Results	Classification	Basis
Skin Sensitization	Not a sensitizer	Not applicable	Ingredient literature.

Summary: Repeated or prolonged contact causes serious eye irritation.

Carcinogens - Ingredients are not listed on the NTP Report on Carcinogens, IARC Monographs or by OSHA

Other data - No other toxicological information is available for this mixture.

12. Ecological Information

This material has not been tested for acute environmental effects.

Persistence and degradability: Material is not persistent. All organic components > 1% are readily biodegradable.

Bio-accumulative potential: No evidence to suggest bio-accumulation will occur.

Mobility: Accidental spillage may lead to penetration of soil and groundwater.

13. Disposal Considerations

Do not contaminate water, food or feed by disposal. If these materials cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. If container is one gallon or less, wrap empty container in plastic bag and discard in trash.

14. Transport Information

Proper Shipping Name: Not regulated RQ - Not Applicable
 Shipping emergency phone: 800-424-9300
 Transport hazard class: Not Applicable Hazard Label: Not Applicable
 Packing Group: Not Applicable Emergency Guide No.: Not Applicable Marine Pollutant: No

15. Regulatory Information

Inventory status: All components are listed on TSCA(US), EINECS/ELINCS(EU), DSL(Canada), AICS(Australia), ENCS(Japan).

OSHA Hazard Communication Standard: This product meets the §1910.1200 definition of a "Hazardous Chemical".

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Sections 311 and 312

Immediate (Acute) Health Hazard	Yes	Delayed (Chronic) Health Hazard	No
Fire Hazard	No	Reactive Hazard	No
Sudden Release of Pressure Hazard	No		

Superfund Amendments and Reauthorization Act of 1986 Title III (EPCRA) Section 313

*Chemicals marked with an asterisk in "3. Composition/Information on Ingredients" are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372.

Pennsylvania/New Jersey/Massachusetts Right to Know

See "3. Composition/Information on Ingredients" for hazardous and top five ingredients over 1% (w/w).

California Proposition 65: This product does not contain a listed substance known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

16. Other information

Date issued: 31. 12. 2014

F401-001 Revision: N/A

Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material. Prepared by: R&D, Canberra Corporation