

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

CAS Number: 68515-73-1 / 7732-18-5
Product Name: Thamesurf 0814 L
Revision Date: Nov 11, 2020 **Date Printed:** Nov 13, 2020
Version: 1.0 **Supersedes Date:** N.A.
Manufacturer's Name: Thames River Chemical Corp.
Address: 5230 Harvester Road Burlington, ON, CA, L7L 4X4
Emergency Phone: CHEMTREC (800) 424-9300
Information Phone Number: 905-681-5353
Fax: 905-681-5377
Product/Recommended Uses: For laboratory or industrial use only.

SECTION 2) HAZARDS IDENTIFICATION

Classification

Serious Eye Damage - Category 1
Skin Irritation - Category 2

Pictograms



Signal Word

Danger

Hazard Statements - Health

Causes serious eye damage
Causes skin irritation

Precautionary Statements - General

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection.
Wash/Wash hands thoroughly after handling.

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.
IF ON SKIN: Wash with plenty of water and soap.
Specific treatment (see first-aid on the SDS).

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing. And wash it before reuse.

Precautionary Statements - Storage

No precautionary statement available.

Precautionary Statements - Disposal

No precautionary statement available.

Physical Hazards Not Otherwise Classified

No data available.

Health Hazards Not Otherwise Classified

No data available.

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

| CAS | Chemical Name | % By Weight |
|--------------|---|-------------|
| 0068515-73-1 | D-Glucopyranose, oligomeric, decyl octyl glycosides | 38% - 51% |
| 0007732-18-5 | WATER | 37% - 49% |

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality or to reflect batch to batch variation.

SECTION 4) FIRST-AID MEASURES

Inhalation

Move victim to fresh air; if necessary, provide artificial respiration or oxygen. Keep airway open. Immediately get medical attention.

If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If easy to do, remove contact lens, if worn.

Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

Skin Contact

Wash with soap and plenty of water. If skin irritation occurs: Get medical attention.

Wash with plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered.

Wash contaminated clothing before re-use.

Ingestion

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Most Important Symptoms and Effects, Both Acute and Delayed

No data available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam, water spray, fog.

Unsuitable Extinguishing Media

No data available.

Specific Hazards in Case of Fire

Emits toxic fumes (carbon oxides) under fire conditions. (See also Stability and Reactivity section).

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Move undamaged containers from immediate hazard area if it can be done safely. Stop spill/release if it can be done safely.

Special Protective Actions

Wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Evacuate and isolate hazard area and keep unauthorized personnel away.

Recommended Equipment

Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Personal Precautions

Avoid breathing vapours, mist and gas.

Avoid breathing dust.

DO NOT get on skin, eyes or clothing. Avoid breathing vapor or mist.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use. Do not get in eyes, on skin or on clothing. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits.

Storage Room Requirements

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear indirect-vent, impact and splash resistant goggles when working with liquids

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. The type of protective equipment must be selected according to the

concentration and amount of the dangerous substance at the specific workplace. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

| Chemical Name | CANsmg | CANsppm | CANtmg | CANtppm | OSHA STEL (mg/m3) | OSHA STEL (ppm) | OSHA TWA (mg/m3) | OSHA TWA (ppm) |
|------------------------|--------|---------|--------|---------|-------------------|-----------------|------------------|----------------|
| No applicable chemical | - | - | - | - | - | - | - | - |

| Chemical Name | OSHA Carcinogen | OSHA Tables (Z1, Z2, Z3) | OSHA Skin designation | ACGIH STEL (mg/m3) | ACGIH STEL (ppm) | ACGIH TWA (mg/m3) | ACGIH TWA (ppm) | ACGIH TLV Basis |
|------------------------|-----------------|--------------------------|-----------------------|--------------------|------------------|-------------------|-----------------|-----------------|
| No applicable chemical | - | - | - | - | - | - | - | - |

| Chemical Name | ACGIH Carcinogen | ACGIH Notations |
|------------------------|------------------|-----------------|
| No applicable chemical | - | - |

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

| | |
|------------------------|----------------------------|
| Density | 8.35 lb/gal |
| Specific Gravity | 1.00 |
| <hr/> | |
| Appearance | Viscous pale yellow liquid |
| Odor Description | Weak odor |
| Odor Threshold | N/A |
| pH | 7.0 - 9.5 |
| Melting/Freezing Point | N/A |
| Low Boiling Point | N/A |
| High Boiling Point | N/A |
| Flash Point | >100 °C |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Evaporation Rate | N/A |
| Upper Explosion Level | N/A |
| Lower Explosion Level | N/A |
| Water Solubility | N/A |
| Coefficient Water/Oil | N/A |
| Viscosity | 300 Mpas min (20°C) |

SECTION 10) STABILITY AND REACTIVITY

Reactivity

No data available.

Stability

Stable under normal storage and handling conditions.

Conditions to Avoid

Protect from moisture.

Hazardous Reactions/Polymerization

Hazardous polymerization will not occur.

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

Carbon monoxide & Carbon dioxide

SECTION 11) TOXICOLOGICAL INFORMATION

Acute Toxicity

LD50 Oral -rat - >5000 mg/kg bw

LD50 Dermal - rabbit - >2000 mg/kg bw

Aspiration Hazard

No data available.

Carcinogenicity

This product contains no substances present at levels greater than or equal to the 0.1% threshold (de minimis) that are identified as a probable, possible, potential or confirmed carcinogens by ACGIH, IARC, NTP or OSHA.

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

No data available.

Serious Eye Damage/Irritation

Causes serious eye damage

Skin Corrosion/Irritation

Causes skin irritation

Specific Target Organ Toxicity - Repeated Exposure

No data available.

Specific Target Organ Toxicity - Single Exposure

No data available.

Likely Routes of Exposure

Inhalation, Ingestion, Skin contact, Eye contact

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish: LC50: 5.9 mg/l - 96h

Toxicity to Daphnia: EC50: 14 mg/l - 48h

Toxicity to Algae: EC50: 25 mg/l - 72h

Mobility in Soil

Log Koc=1.7

Bio-accumulative Potential

No data available.

Persistence and Degradability

This product is readily biodegradable.

Other Adverse Effects

Do not allow material to run into surface waters, wastewater or soil

SECTION 13) DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste management should be in full compliance with federal, state and local laws.

Waste Disposal

Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, provincial and local laws.

SECTION 14) TRANSPORT INFORMATION

| | Transport Canada Information | U.S. DOT Information |
|--|------------------------------|----------------------|
| UN number: | Not Regulated | Not Regulated |
| Proper shipping name: | N/A | N/A |
| Hazard class: | Not Applicable | |
| Hazard class: | | Not Applicable |
| Packaging group: | Not Applicable | Not Applicable |
| Hazardous substance (RQ): | | No Data Available |
| Marine Pollutant: | No Data Available | No Data Available |
| Note / Special Provision: | Note / Special Provision | No Data Available |
| Toxic-Inhalation Hazard: | | No Data Available |
| Transport in bulk (according to Annex II of MARPOL 73/78): | No Data Available | |

SECTION 15) REGULATORY INFORMATION

| CAS | Chemical Name | % By Weight | Regulation List |
|--------------|---|-------------|--------------------------|
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SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CANsmg or CANspmm - Canadian Short Term Exposure Level in mg/L or in ppm; CANtmg or CANtppm - Canadian Time Weighted Average in mg/L or in ppm; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center(US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self Contained Breathing Apparatus; STEL-Short

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