
SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: Lab Sample 7 Screenwash and Stain Remover

Product Code: Not Available

MSDS Date: September 24, 2013

Lawson Screen & Digital
Products Corporation 2101
Clifton Ave
St. Louis, MO 63139

General Information: 314-644-1300

CHEMTREC: 800-424-9300

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

GHS Classification:

Eye irritation, Category 2A

GHS Labeling



Symbol:

Signal Word: Warning

Hazard Statements:

Causes serious eye irritation

Precautionary Statements:

Prevention:

Wear eye protection/face protection.
Wash hands thoroughly after handling.

Response:

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.

Potential Health Effects: See Section 11 for more information

This product does not contain carcinogens or potential carcinogens as listed by IARC, NTP, or ACGIH.

This material contains components that are considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential Environmental Effects: See Section 12 for more information.

Section 3: COMPOSTION/INFORMATION ON INGREDIENTS

| No. | Component CAS REG. NO. | Amount % | OSHA | | ACGIH | |
|-----|---|----------|-----------|-----------|-----------|-----------|
| | | | TWA | STEL | TWA | STEL |
| 1 | Dimethyl Glutarate 1119-40-0 | 15-40 | Not avail | Not avail | Not avail | Not avail |
| 2 | Dimethyl Succinate 106-65-0 | 15-40 | Not avail | Not avail | Not avail | Not avail |
| 3 | Dimethyl Adipate 627-93-0 | 15-40 | Not avail | Not avail | Not avail | Not avail |
| 4 | Dipropylene Glycol Methyl Ether Acetate 88917-22-0 | 15-40 | 100 ppm | Not avail | 100 ppm | Not avail |
| 5 | Distillates petroleum, hydrotreated light 64742-47-8 | 7-13 | Not avail | Not avail | Not avail | Not avail |
| 6 | Nonylphenol Ethoxylate 9016-45-9 | 10-30 | Not avail | Not avail | Not avail | Not avail |

Section 4: FIRST AID MEASURES

Emergency first aid procedures by route of exposure:

- Inhalation:** If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain medical attention.
- Ingestion:** Do not induce vomiting. Obtain medical attention.
- Skin:** Remove contaminated clothing as needed. Wash skin thoroughly with mild soap and water. Flush with lukewarm water for 15 minutes. If irritation persists, seek medical attention.
- Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

Section 5: FIRE FIGHTING MEASURES

- Flash Point:** Not Available
- LEL:** Not Available
- UEL:** Not Available
- Auto Ignition Temperature:** Not Available

Suitable Extinguishing Media:
 Water spray, dry chemical, carbon dioxide, alcohol foam

Products of Combustion:
 Carbon dioxide, carbon monoxide

Fire Fighting Equipment/Instructions:
 Wear self-contained breathing apparatus and protective clothing. Use water spray to keep fire-exposed containers cool.

| HAZARD | HMIS | NFPA |
|------------|------|------|
| Toxicity | 1 | 1 |
| Fire | 1 | 1 |
| Reactivity | 0 | 0 |

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Use personal protective equipment. Ensure adequate ventilation. Eliminate all sources of ignition.

Environmental Precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Method for Containment: Absorb spilled liquid in suitable non-flammable inert material such as clay, vermiculite or diatomaceous earth.

Methods for Clean-up: Use clean non-sparking tools to collect absorbed material. Dike large spills and place materials in salvage containers.

Section 7: HANDLING AND STORAGE

Handling: Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Keep container closed. Wash thoroughly after handling.

Special Handling Statements: Provide good ventilation of working area (local exhaust ventilation if necessary). During processing and handling of the product, comply with the indicative occupational exposure limit values.

Storage: Store in a cool, dry, well ventilated place and keep container tightly closed. Observe the general rules of industrial fire protection.

Section 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

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

Personal Protective Equipment (PPE)

Respiratory Protection: A respiratory protection program that meets OSHA's 29CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.

Eye/Face Protection: Eye protection such as chemical splash goggles and/or face shield must be worn.

Hand Protection: Wear chemical resistant gloves such as Butyl rubber or Viton.

Body: When skin contact is possible, protective clothing including apron, sleeves, boots, head and face protection should be worn.

Other Protective Equipment:

Facilities storing or utilizing this material should be equipped with eyewash and/or shower facilities.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance, State: Liquid

Color: Not Available

Odor: Hydrocarbon, fatty detergent odor

pH: Not Available

Vapor Density: Not Available

Boiling Point: Not Available
Vapor Pressure: Not Available
Freezing point: Not Available
Flash Point (See Section 5)
Flammability Properties (See section 5)
Solubility: Not Available
Specific Gravity: 1.01
Evaporation Rate: Not Available
Octanol/Water partition coefficient (Kow): Not Available
Auto-ignition temperature (See section 5)
Decomposition temperature: Not Available
Viscosity: Not Available

Section 10: STABILITY AND REACTIVITY

Stability: This material is considered stable at ambient temperatures 70°C (21°C).

Condition to Avoid: Strong oxidizing agents, heat, flames, sparks, acids, alkalis, inorganic acids, inorganic base. Avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid.

Hazardous Decomposition: Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Reactions: This product will not undergo polymerization.

Section 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Component Analysis LD50

Dimethyl Succinate (106-65-0)
Oral LD50 Rat: >5g/kg
Dermal LD50 Rat: 1920 mg/kg

Dimethyl Adipate (627-93-0)
Oral LD50 Rat: 1920 mg/kg

Dimethyl Glutarate (1119-40-0)
Inhalation LC50 Rat: 6.1 mg/L/4H
Oral LD50 Rat: 8191 mg/kg

Nonylphenol Ethoxylate (9016-45-9)
Oral LD50 > 5.00 g/kg (rat)
Inhalation Believed to be practically non-toxic
Dermal LD50 > 2.00 g/kg (rabbit)

CHRONIC EFFECTS:

Component

Dimethyl Adipate (627-93-0) Dimethyl Glutarate (1119-40-0) Dimethyl Succinate (106-65-0)

Carcinogenic Effects: Not Available

Mutagenic Effects: no genetic effects were observed in standard tests using bacterial cells and whole animals. Genetic effects were observed in standard tests with animal cells.

Teratogenic Effects: Not Available

Developmental Toxicity: Rat inhalation: no effects on offspring observed in laboratory animals in the presence of maternal toxicity.

Reproductive Effects: Minor changes in male fertility parameters, i.e. hormone measurements, sperm number or reproductive organ weights, observed in the absence of a change in reproductive performance. Rodents are more susceptible to reported effect than humans. Rat inhalation, 1 generation: signs of generalized toxicity (reduced body weight and/or reduced weight gain) were observed in parental animals and offspring with no effect on fertility or reproduction.

Target Organs: Causes eye irritation, May cause skin irritation, May cause respiratory tract irritation, may cause blurred vision. Based on similar material this product produced mild skin and moderate eye irritation during primary irritation studies in rabbits. No dermal sensitization was produced in guinea pigs (based on similar product). Repeat dose toxicity: rat, inhalation, 90 day: produced effects on body weight, serum enzymes and or organ weights in repeat dose studies. Repeated inhalation exposure produces nasal tissue damage. This material can produce temporary blurred vision following exposure to high vapor concentrations or direct contact with eyes.

Dipropylene Glycol Methyl Ether Acetate (CAS #88917-22-0)

Carcinogenic Effects: Not Available

Mutagenic Effects: Not Available

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Target Organs: Routes of exposure Eyes: May cause eye irritation. **Skin:** Although no appropriate human or animal health effects data are known to exist, this material is expected to be a skin irritant. Not expected to be a skin absorption hazard. **Inhalation:** Although no appropriate human or animal health effects are known to exist, this material is not expected to be an inhalation hazard. **Ingestion:** Although no appropriate human or animal health effects data are known to exist, this material is not expected to be an ingestion hazard.

Distillates petroleum, hydrotreated light (CAS #64742-47-8)

Carcinogenic Effects: Not listed as a carcinogen according to IARC, ACGIH, NTP, or OSHA.

Mutagenic Effects: Not Available

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Target Organs: Routes of exposure Eyes Causes eye irritation. **Skin** Causes skin irritation. **Inhalation** May cause irritation of respiratory tract. **Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Nonylphenol Ethoxylate

Carcinogenic Effects: Not listed as a carcinogen according to IARC, NTP, or OSHA.

Mutagenic Effects: Not available

Teratogenic Effects: Not available

Reproductive Effects: Not available

Developmental Toxicity: Not available

Target Organs: Inhalation. Inhalation may cause irritation, coughing, headache, nausea, drowsiness

Ingestion: Ingestion may cause nausea, vomiting, diarrhea. **Skin:** Skin contact may cause irritation.

Prolonged or repeated skin contact may cause dermatitis. May be absorbed in harmful amounts. **Eyes:** Eye contact with product may cause irritation, burns.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Dimethyl Glutarate, Dimethyl Succinate, and Dimethyl Adipate

EC50/48-hour/Daphnia=17 mg/l

EC50/72-hour/Algae=46.9 mg/l

LC50/96-hour/bluegill sunfish = 7.5 mg/l

Ecotoxicity: Nonylphenol Ethoxylate

mortality LOEC - Pimephales promelas (fathead minnow) - 2.0 mg/l - 144 h
mortality NOEC - Pimephales promelas (fathead minnow) - 1.8 mg/l - 144 h
LC50 - Lepomis macrochirus (Bluegill) - 1.0 - 9.7 mg/l - 96 h
mortality NOEC - Daphnia magna (Water flea) - 10.0 mg/l - 144 h
h mortality LOEC - Daphnia magna (Water flea) - 20.0 mg/l - 144 h
h EC50 - Daphnia magna (Water flea) - 12.2 - 17.0 mg/l - 48 h
Growth inhibition LOEC - Pseudokirchneriella subcapitata - 16.0 mg/l - 96 h
Growth inhibition NOEC - Pseudokirchneriella subcapitata - 8.0 mg/l - 96 h

Section 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state, and federal regulations.

Section 14: TRANSPORT INFORMATION

Not regulated as a dangerous good.

Section 15: REGULATORY INFORMATION

TSCA Inventory This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

SARA 302/304 The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to Subparts 302 and 304 to submit emergency planning and notification information based on Threshold Planning Quantities (TPQs) and Reportable Quantities (RQs) for "Extremely Hazardous Substances" listed in 40 CFR 302.4 and 40 CFR 355. No components were identified.

SARA 313: No components were identified.

CERCLA The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center concerning release of quantities of "hazardous substances" equal to or greater than the reportable quantities (RQ's) listed in 40 CFR 302.4. As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically designated in 40 CFR 302.4. Chemical substances present in this product or refinery stream that may be subject to this statute are: No components were identified.

SARA 311/312 Hazard The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemicals by "Hazard Category" as defined in 40 CFR 370.2. This material would be classified under the following hazard categories: Acute, Chronic

Section 16: OTHER SUPPLEMENTAL INFORMATION

Prepared for: Lawson Screen & Digital Products on 9/24/13

Disclaimer:

The information and recommendations contained in the Safety Data Sheet (SDS) are supplied pursuant to 29 CFR 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date hereof.

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