
SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: Lawson ID-200 Ink Degradent

Product Code: 195-7731

MSDS Date: October 23, 2017

Lawson Screen & Digital Products, Inc.
5110 Penrose St.
St. Louis, MO 63115

General Information: 314-382-9300

EMERGENCY CONTACT: CHEMTREC

EMERGENCY PHONE: 800-424-9300

Section 2: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:****GHS Classification:**

Serious eye damage (Category 1)

Skin irritation (Category 2)

GHS Labeling

Symbol:

Signal Word: Danger

Hazard Statements:

Causes serious eye damage.

Causes skin irritation.

Precautionary Statements:

Prevention:

Wear eye protection/face protection/ protective gloves..

Wash 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. Immediately call a poison center/doctor.

If on skin: Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

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	Polyoxyethylene mono(octylphenyl)ether CAS #9036-19-5	1-50	Not avail	Not avail	Not avail	Not avail
2	Dimethyl Succinate CAS #106-65-0	1-50	Not avail	Not avail	Not avail	Not avail
3	Dimethyl Adipate CAS #627-93-0	1-50	Not avail	Not avail	Not avail	Not avail
4	Methyl Ester of Soybean Oil CAS #67784-80-9	1-50	Not avail	Not avail	Not avail	Not avail
5	Propylene carbonate CAS #108-32-7	1-50	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 if breathing difficulty persists.
- 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. Seek medical attention if ill effect or irritation develops.
- Eyes:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Section 5: FIRE FIGHTING MEASURES

Flash Point: >200°F

Suitable Extinguishing Media:
 Treat as Oil Fire. CO2, Dry Chemical Foam

Products of Combustion:
 Upon decomposition this product may emit carbon dioxide, carbon monoxide, and/or low molecular weight hydrocarbons.

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 overheating.

Storage:

Store in a cool, dry, ventilated area away from sources of heat, moisture, and incompatible substances.

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 when possibility exists for eye contact due to splashing or spraying liquid or vapor.

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.

See section 3 for exposure limits.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance, State: Clear light yellow liquid

Color: Colorless

Odor: Citrus-like odor

pH: Not Available

Vapor Density: Not available

Boiling Point (Methyl Ester of Soybean Oil): Over 600F at 760 mm Hg

Vapor Pressure (Methyl Ester of Soybean Oil): <0.04mm Hg at 68°F

Melting Point/freezing point: Not available

Flash Point (See Section 5)

Flammability Properties (See section 5)

Solubility (in water) Insoluble

Density: Not available

Evaporation Rate: Not available

Octanol/Water partition coefficient (Kow) Not Available

Auto-ignition temperature (See Section 5)

Decomposition temperature: 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, and sparks.

Incompatible Materials: Strong oxidizing agents.

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

Ethoxylated Nonylphenol (CAS# 9016-45-9)
LD50 Dermal Rabbit >2000 mg/kg
LD50 Oral Rat 3310 mg/kg

Dimethyl Succinate (106-65-0)

Oral LD50 Rat:>5g/kg

Dermal LD50 Rat: 1920 mg/kg

Slightly toxic following oral administration. Practically nontoxic after skin application in animal studies.

Moderately irritating to eyes (rabbit). Practically non irritating to skin (rabbit).

Dimethyl Adipate (627-93-0)

Oral LD50 Rat: 1920 mg/kg

Practically nontoxic following oral administration. Practically nontoxic after skin application in animal studies.

Practically non irritating to skin (rabbit). Moderately irritating to eyes (rabbit).

Propylene carbonate (108-32-7)

LD50 Oral - mouse - 20,700 mg/kg

LC50 Inhalation - rat - > 5,000 mg/m³

LD50 Dermal - rabbit - 23.8 g/kg

CHRONIC EFFECTS:

Component

Ethoxylated Nonylphenol (CAS# 9016-45-9)

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

Mutagenic Effects: Not Available.

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Target Organs: Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Skin Harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Ingestion Harmful if swallowed.

Dimethyl Succinate (106-65-0) Dimethyl Adipate (627-93-0)

Carcinogenicity: Not Available

Neurotoxicity: Not available

Mutagenicity: no genetic effects were observed in standard tests using bacterial cells and whole animals.

Reproductive: 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.

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

Target Organs: Causes eye irritation. May cause skin irritation. May cause respiratory tract irritation. May cause blurred vision. Mild skin and moderate eye irritation during primary irritation studies in rabbits.

Propylene Carbonate (108-32-7)

Carcinogenicity: Not classified by IARC, ACGIH, NTP, or OSHA.

Neurotoxicity: Not available

Mutagenicity: Not available

Reproductive: Not available

Developmental: Not available

Target Organs: Skin - rabbit - Skin irritation Eyes - rabbit - Eye irritation **Inhalation** May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Nausea, Headache, Vomiting, Central nervous system depression,

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Ethoxylated Nonylphenol (9016-45-9)
96 hours LC50 Fish 10 mg/L

Ecotoxicity: 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: Methyl Ester, Soybean Oil (67784-80-9), Readily biodegradable

Ecotoxicity: Propylene carbonate (108-32-7)
LC50 - Leuciscus idus melanotus - 5,300 mg/l - 96 h
LC50 - Leuciscus idus (Golden orfe) - 5,300 mg/l - 96 h
EC50 - Daphnia magna (Water flea) - > 500 mg/l - 48 h
EC50 - Daphnia magna (Water flea) - > 500 mg/l - 48 h
Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - > 500 mg/l - 72 h
EC50 - Desmodesmus subspicatus (green algae) - > 500 mg/l - 72 h
Toxicity to bacteria LC50 - Bacteria - > 10,000 mg/l - 72 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

California Prop 65: No components were identified.

Section 16: OTHER SUPPLEMENTAL INFORMATION

Prepared by: Lawson Screen & Digital Products and its manufacturer on 10/23/17

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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