
SAFETY DATA SHEET

Section 1: IDENTIFICATION

Product Name: 2555 Screen Wash

Product Code: 115-601

MSDS Date: June 27, 2016

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

General Information: 314-382-9300

CHEMTREC: 800-424-9300

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Potential Health Effects: See Section 11 for more information

GHS Classification:

Flammable liquids (Category 3)

Acute toxicity, Inhalation (Category 4)

Acute toxicity, Dermal (Category 4)

Serious eye damage (Category 1)

Skin irritation (Category 2)

GHS Labeling



Symbol:

Signal Word: Danger

Hazard Statements:

Flammable liquid and vapor

Harmful if inhaled.

Harmful in contact with skin.

Causes serious eye damage.

Causes skin irritation.

Precautionary Statements:

Prevention:

Avoid breathing mist/vapors/spray.

Ground/bond container and receiving equipment.

Keep away from heat/sparks/open flames/hot surfaces-no smoking.

Keep container tightly closed.

Take precautionary measure against static discharge.

Use only non-sparking tools.

Use only outdoors or in a well-ventilated area.

Wash thoroughly after handling.

Wear protective gloves/eye protection/face protection

Response:

Call a poison center/doctor if you feel unwell.

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 inhaled: Remove person to fresh air and keep comfortable for breathing.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water shower.

If on skin: wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

In case of fire: Use alcohol resistant foam, CO₂, powders, water spray to extinguish.

Take off contaminated clothing and wash it before reuse.

Storage:

Store in a well-ventilated place. Keep cool.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

This product contains carcinogens or potential carcinogens as listed by IARC.

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: COMPOSITION/INFORMATION ON INGREDIENTS

No.	Component CAS REG. NO.	Amount %	OSHA		ACGIH	
			TWA	STEL	TWA	STEL
1	Xylene CAS #1330-20-7	50-100	100 ppm	150 ppm	100 ppm	150 ppm
2	Ethylbenzene CAS # 100-41-4	1-50	Not Avail	Not Avail	100 ppm	125 ppm

Section 4: FIRST AID MEASURES

Emergency first aid procedures by route of exposure:

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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

Skin: Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Section 5: FIRE FIGHTING MEASURES

Flash Point (xylene): Closed Cup: 25°C (77°F)

Auto-ignition Temperature (xylene): 527°C (980.5°F)

Flammable Limits (xylene): Lower: 1.1%, Upper: 7%

Suitable Extinguishing Media: NFPA Class B extinguishers (Carbon Dioxide or foam) for Class I C liquid fires. Alcohol resistant foam, CO₂, powders, water spray.

Special Fire Fighting Procedures: Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Use fog nozzles if water is used.

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

Fire Fighting Equipment/Instructions:

Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-

contained breathing apparatus.

HAZARD	HMIS	NFPA
Toxicity	2	2
Fire	3	3
Reactivity	0	0

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: For large spills wear gloves, Tyvek suits, safety glasses, and appropriate NIOSH approved respiratory protection. Keep unnecessary personnel away. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Environmental Precautions: Prevent discharge to open bodies of water, municipal sewers, and watercourses.

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

Methods for Clean-up: Ventilate area of leak or spill. Use spark-proof tools to sweep or scrape up and containerize in approved chemical waste container. Wash spill area with water.

Section 7: HANDLING AND STORAGE

Handling:

Keep away from oxidizers, heat, sparks, electrical equipment, and flame. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Do not flame cut, saw, drill, or weld containers.

Storage:

Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Keep container tightly closed. Keep in a cool, well-ventilated place. Take precautionary measures against electrostatic discharges. Flammable materials should be stored in a separate safety storage cabinet or room. All efforts should be made to prevent any leaks or spills. Storage tanks containing should be engineered to prevent contact with water resources, as this material could contaminate the water resources. Surface spills can reach groundwater through porous soil or cracked surfaces. The storage tanks should be monitored regularly for leaks. Where spills or leaks are possible, a comprehensive response plan should be developed and implemented.

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. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protective Equipment (PPE)

Respiratory Protection: Vapor respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.

Eye/Face Protection: Safety glasses with side shields are recommended as minimum protection in industrial settings.

Hand Protection: Butyl rubber gloves

Body: Complete suit protecting against chemicals, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Other Protective Equipment:

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance, State	Liquid
Color	Not Available
Odor	Aromatic
pH (1%soln/water)	Not Available
Vapor Density (Xylene)	3.7
Boiling Range (Xylene)	278-288F
Vapor Pressure (Xylene)	6.4 mm Hg
Melting Point	Not Available
Freezing Point	Not Available
Flash Point (See Section 5)	
Flammability Properties (See section 5)	
Solubility (in water)	Not Available
Specific Gravity (Xylene)	0.870
Evaporation Rate	Not Available
Octanol/Water partition coefficient (Kow)	Not Available
Auto-ignition temperature (Xylene):	510 C / 950 F
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: Flames, sparks, electrostatic discharge, heat and other ignition sources.

Incompatible Materials: This product reacts with strong acid, strong bases, and oxidizing agents.

Hazardous Decomposition: Upon decomposition, this product evolves carbon monoxide, carbon dioxide, and/or low weight hydrocarbons.

Hazardous Reactions: This product will not undergo polymerization.

Section 11: TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Analysis LD50

Xylene (1330-20-7)
Inhalation LC50 Rat 5000 ppm 4 h;
Inhalation LC50 Rat 47635 mg/L 4 h;
Oral LD50 Rat 4300 mg/kg;
Dermal LD50 Rabbit >1700 mg/kg

Ethylbenzene (CAS # 100-41-4)
LD50 Dermal - rabbit - 15,433 mg/kg

CHRONIC EFFECTS:

Xylene (1330-20-7)

Carcinogenic Effects: A4 - Not classifiable for human or animal by ACGIH, IARC, or OSHA.

Mutagenic Effects: Xylenes have not demonstrated genotoxic activity in animals or humans and do not appear to be immunotoxic.

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Target Organs: Nervous system, respiratory system. From the animal and human toxicology data, xylenes can be characterized as neurotoxic chemicals at moderate to high doses inducing symptoms in humans of dizziness, headache, nausea, and neuromuscular effects, speech impairment, and amnesia at high doses. Aspiration into the lungs of even a small amount may cause severe injury, since its low viscosity and surface tension will cause it to spread over a large surface of pulmonary tissue. Aspiration into the lungs of even a small amount may cause severe injury, since its low viscosity and surface tension will cause it to spread over a large surface of pulmonary tissue. **Eyes:** Irritation from vapors. Splash accidents have produced transient, superficial injury to the eye. **Skin:** May cause skin irritation. Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis. **Inhalation** Central nervous system depression, narcosis, respiratory tract irritation & pulmonary edema. Severe exposure may cause death. **Ingestion** Aspiration hazard if swallowed. Can enter lungs and cause damage. May be fatal if swallowed. Central nervous system depression, a burning sensation in the oropharynx and stomach. Vomiting. **Potential Chronic Health Effects** Effects of chronic exposure to xylene are similar to those of acute exposure, particularly central nervous system effects (based on animal studies). **Overexposure/Signs/Symptoms:** Headache, tremors, apprehension, memory loss, weakness, dizziness, loss of appetite, nausea, ringing in the ears, irritability, thirst, anemia, mucosal bleeding, enlarged liver, and hyperplasia are reported when chronic inhalation of xylenes has occurred. Repeated contact with the skin can cause defatting dermatitis. Reversible eye damage, including vacuoles in the cornea and conjunctiva, has occurred with chronic xylene exposure.

Ethylbenzene (CAS # 100-41-4)

Carcinogenic Effects: 2B - Group 2B: Possibly carcinogenic to humans (Ethylbenzene)

Mutagenic Effects: Not Available.

Teratogenic Effects: Not Available

Developmental Toxicity: Not Available

Target Organs: Central nervous system depression, Nausea, Headache, Vomiting, Ataxia., Tremors

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Xylene (1330-20-7)

96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through];
96 Hr LC50 Oncorhynchus mykiss: 2.661-4.093 mg/L [static];
96 Hr LC50 Oncorhynchus mykiss: 13.5-17.3 mg/L;
96 Hr LC50 Lepomis macrochirus: 13.1-16.5 mg/L [flow-through];
96 Hr LC50 Lepomis macrochirus: 19mg/L;
96 Hr LC50 Lepomis macrochirus: 7.711- 9.591 mg/L [static];
96 Hr LC50 Pimephales promelas: 23.53-29.97 mg/L [static];
96 Hr LC50 Cyprinus carpio: 780 mg/L [semi-static];
96 Hr LC50 Cyprinus carpio: >780 mg/L;
96 Hr LC50 Poecilia reticulata: 30.26-40.75 mg/L [static]
48 Hr EC50 water flea: 3.82 mg/L;
48 Hr LC50 Gammarus lacustris: 0.6 mg/L
48 Hr EC50 water flea: 3.82 mg/L;
48 Hr LC50 Gammarus lacustris: 0.6 mg/L

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORTATION INFORMATION

Proper Shipping Name: Printing ink related material

Hazard Class: 3

Identification No.: UN1210

Packing Group: III

Label: Flammable

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.

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: Xylene [CAS No.: 1330-20-7] RQ = 100 lbs (45.3 kg), ethylbenzene [CAS No.: 100-41-4] RQ=1,000lbs

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: fire, Acute (Immediate) Health Hazard, Chronic (Delayed) Health Hazard

SARA 313 Xylene, ethylbenzene

California Prop 65: Ethylbenzene cancer toxicity

Section 16: OTHER SUPPLEMENTAL INFORMATION

Prepared for: Lawson Screen Products, Inc. on 5/21/14

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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