

SAFETY DATA SHEET

1. Identification

Product Name: MD-100 Mesh Degreaser
Product Code: 195-7751
SDS Date: June, 28, 2016
Use: Industrial

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

General Information: 314-382-9300
CHEMTREC: 800-424-9300

2. Hazard(s) identification

GHS Classification

Not a hazardous substance or mixture.

Pictogram

Signal Word None

HazardStatement

Not a hazardous substance or mixture.

Precautionary

Not a hazardous substance or mixture.

Hazards not otherwise classified: Not available

3. Composition/information on ingredients

Name	CAS	Concentration
Nonylphenol, ethoxylated	127087-87-0	1-9

4. First-aid measures

General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately.

Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

In Case of Skin Contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
In Case of Eye Contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. If irritation persists, get medical attention.
If Swallowed	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed

Eye Contact: Adverse symptoms may include the following:

Irritation
Watering
Redness

Indications of any immediate medical attention and special treatment needed

Notes to Physician: No specific treatment: Treat symptomatically. Call medical doctor or poison control center immediately if large quantities have been ingested.

Protection of First-Aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

5. Fire-fighting measures

Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Special Hazards	In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Advice for firefighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Further Information	No further information available

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Methods and materials for containment and cleaning up

Methods and Material for Containment and Clean Up: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. Handling and storage

Safe Handling

Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Safe Storage

Store in accordance with local regulations Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Name		CAS	
Nonylphenol, ethoxylated		127087-87-0	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
No data available	No data available	No data available	No data available

Engineering Control

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Eye/Face Protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gasses or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the

time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Control of Environmental Exposure

not available

9. Physical and chemical properties

Appearance	Nonylphenol, ethoxylated	liquid
Odor	Nonylphenol, ethoxylated	Slight
Odor Threshold	Nonylphenol, ethoxylated	Not available
pH	Nonylphenol, ethoxylated	6.5-7.5
Melting/Freezing Point	Nonylphenol, ethoxylated	41F
Initial Boiling Point/Range	Nonylphenol, ethoxylated	Not Available
Flash Point	Nonylphenol, ethoxylated	Closed cup: 460F
Evaporation Rate	Nonylphenol, ethoxylated	Not available
Flammability	Nonylphenol, ethoxylated	Not available
Upper Explosion Limit	Nonylphenol, ethoxylated	Not available
Lower Explosion Limit	Nonylphenol, ethoxylated	Not available
Vapor Pressure	Nonylphenol, ethoxylated	Not available
Vapor Density	Nonylphenol, ethoxylated	Not available
Relative Density	Nonylphenol, ethoxylated	1.06
Water Solubility	Nonylphenol, ethoxylated	Soluble
Partition Coefficient	Nonylphenol, ethoxylated	Not available
Auto Ignition Temperature	Nonylphenol, ethoxylated	Not available
Decomposition Temperature	Nonylphenol, ethoxylated	Not available
Viscosity	Nonylphenol, ethoxylated	Not available

10. Stability and reactivity

Reactivity No specific test data related to reactivity available for this product

Chemical Stability The product is stable.

Possibility of Hazardous Reactions Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid No specific data.

Incompatible materials No specific data.

Hazardous Decomposition Products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Name	CAS
Nonylphenol, ethoxylated	127087-87-0
Oral - Rat - >3310 ml/kg	
Inhalation: No data available	
Dermal - Rabbit - >2000 ml/kg	
Skin corrosion/irritation Causes skin irritation	
Serious eye damage/eye irritation Causes serious eye damage	
Respiratory or skin sensitization This component is not expected to cause skin sensitization	
Germ cell mutagenicity No data available	
Carcinogenicity Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH, or OSHA	
Reproductive This component is not expected to cause reproductive or developmental effects.	
Additional information No data available	

12. Ecological information

Name	CAS	Toxicity
Nonylphenol, ethoxylated	127087-87-0	LC50 - fish - >10 mg/l, 96 hours Aquatic Ecotoxicity

13. Disposal considerations

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

14. Transport information

Proper Shipping Name	Not DOT Regulated
Hazard Class	Not DOT Regulated
Identification Number	Not DOT Regulated
Packing Group	Not DOT Regulated
Label	Not DOT Regulated

15. Regulatory information

Name	CAS
Nonylphenol, ethoxylated	127087-87-0
SARA 302/304	No components were identified
SARA 313	No components were identified
CERCLA	No components were identified
SARA 311/312	No components were identified
PROP 65	No components were identified
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.	

16. Other information, including date of preparation or last revision**SDS Date:** 6/28/2016**Disclaimer:**

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