

MSDS Document

Product Tefgel

1. Chemical Product and Company Identification

Trade Name of this Product Tefgel

MSDS ID 97673

Manufacturer

Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018

Contact Name

Corporate Compliance Team

Phone Number

(847) 827-9666

Emergency Phone

(888) 426-4851

Revision Date 02/11/2004

Health:	1
Fire:	4
Reactivity:	0
Specific	<input type="checkbox"/>

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
HEXANE	110-54-3	70 %	50 ppm	50 ppm	ND
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	15 %	800 ppm	800 ppm	ND
OLEFIN POLYMER		15 %			
TETRAFLUOROETHYLENE	116-14-3				
POLYTETRAFLUOROETHYLENE					
PARAFFIN					
ALOX					
MINERAL OIL	8042-47-5		5 mg/m3 (mist)	5 mg/m3 (mist)	10 mg/m3 (mist)

3. Hazard Identification

Vapors irritating to eyes and respiratory tract.

Route(s) of Entry

Eyes. Ingestion. Inhalation. Skin contact. Skin absorption.

Ingestion

Corrosive and may cause severe and permanent damage to mouth, throat, and stomach. Substance is harmful if swallowed. Large exposure may be fatal.

Inhalation

Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate, and cyanosis may result from overexposure to vapor or skin exposure.

Eyes

Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin

Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Target Organ(s) Affected

Overexposure may cause kidney damage. Overexposure may cause nervous system damage. Overexposure may cause lung damage.

4. First Aid Information**Ingestion**

Seek medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Skin

Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

Eye

Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

5. Fire Fighting Measures

Flash Point	-159°F
FP Method	Pensky-Martens C.C.
LEL	1
UEL	9.5

Vapors may cause flash fire or explosion.

Extinguishing Media

Water fog. Foam. Dry chemical. Carbon dioxide.

Fire and Explosion Hazards

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of.

Flammable Properties

Vapors can travel to a source of ignition and flash back.

Special Fire Fighting Procedures

Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures**Clean-up**

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Handling

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors from heated material. Avoid prolonged or repeated contact with skin. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Use only in a well-ventilated area. Remove contaminated clothing and wash before reuse. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Storage

Keep from freezing. Keep away from heat, sparks, and flame.

NFPA Storage Codes

Store as Level 3 Aerosol (NFPA 30B).

8. Exposure Controls and Personal Protection

Eye Protection

ANSI approved safety glasses or splash goggles with face shield are recommended.

Protective Gloves

The following glove(s) are recommended: Chemical resistant gloves. Consult glove manufacturer to determine the proper type for a specific operation.

Other Protective Clothing

Where contact is likely, wear chemical-resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Ventilation

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Respiratory Protection

A NIOSH-approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection. Seek professional advise prior to respirator selection and use.

Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.

9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	0.68
Color/Appearance	Light yellow
Odor	Solvent
pH	N/Av
Boiling/Cond. Point	-43-159°F
Melting/Freezing Point	32° F
Solubility	Negligible
Evaporation Rate	Is faster than Butyl Acetate
VOC %	78.70
Percent Volatile	N/A
Viscosity	N/Av
Vapor Density	Is heavier than air
Vapor Pressure	80-90

10. Stability and Reactivity

Stability

Stable.

Hazardous Polymerization

Will not occur.

Incompatibility

Oxidizers. Amine. Strong alkalis. Strong acids.

Conditions to Avoid

Avoid open flames. Do not use near other sources of ignition. Do not use near welding arcs.

Hazardous Decomposition Products

Chlorine. Chlorides. Phosgene. Oxides of nitrogen. Oxides of carbon.

11. Toxicological Information

Carcinogenicity

ACGIH - No. IARC- No. NTP- No. OSHA- No.

COMPONENT TOXICOLOGICAL INFORMATION:

LD50: 48 mg/kg Product LC50: 28 ppm

N-Hexane (110-54-3): 48,000 ppm/4hr/rat (LD50); 28,710 mg/kg/rat (LC50)

Propane/Isobutane/N-butane (68476-86-8): 57 pph/15m/rat (LC50)

Alox: >5000 mg/kg/rat (LD50)

Paraffin: 120 mg/kg/rat (LD50)

Tetrafluoroethylene (116-14-3): 40000 pppm/rat (LC50)

12. Ecological Information

Ecological Information

No information available.

13. Disposal Considerations

Waste Disposal Method

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

14. Transportation Information

Proper Shipping Name

Consumer Commodity (ORM-D) Aerosol, flammable

DOT Class

ORM-D. 2.1 (Flammable Gas)

IATA Class

2.1 (Flammable Gas)

ID Number

UN1950

15. Regulatory Information

TSCA Certification

All chemicals in this product are listed, or are exempt from listing on the TSCA inventory.

California Prop 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

CPR Certification

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

S.A.R.A. Title III, Section 313

This product contains the following chemicals subject to reporting:

S.A.R.A. Title 111, Section 313: N-Hexane (110-54-3)

16. Other Information

Disclaimer

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.