SAFETY DATA SHEET

Issuing Date 04-Aug-2016 **Supersedes Date** 14-Mar-2016 **Revision Number** 4

Orly Gel FX Nail Lacquer (Various Shades)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name **Orly GEL FX Nail Lacquer**

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Nail polish/lacquer

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Orly International, Inc.
Supplier Address 7710 Haskell Avenue
Van Nuys
CA, 91406
US
Supplier Phone Number 818-994-1001
Supplier Email regulatory@orlybeauty.com
Emergency telephone number CHEMTREC:800-424-9300
CHEMTREC international;703-527-3887

2. HAZARDS IDENTIFICATION

Classification

Hazard Class	Hazard Category
Eye Irritation	No information available
Skin Irritation	No information available
Specific Target Organ Toxicity (Single Exposure)	No information available
Acute Oral Toxicity	No information available

GHS Label elements, including precautionary statements

Signal word **Danger**

Hazard Statements
Highly Flammable Liquid and vapor.
May cause an allergic reaction.
May cause drowsiness or dizziness.

Appearance Semi-Viscous **Physical State** Liquid **Odor** Solvent

Precautionary Statements – General
Read label before use. Keep out of reach of children.
If medical advice is needed, have product container or label at hand.
Exposure may cause moderate skin irritation, redness & swelling.

Precautionary Statements –Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray.
Contaminated work clothing should not be allowed out of the workplace.
Use only outdoors or in a well-ventilated area.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ ventilating/ lighting/ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response
Specific treatment (see supplemental first aid instructions on this label).

Eyes
IF IN EYES: Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention.

Skin
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.

Fire
In case of fire: Use CO2, dry chemical, or foam for extinction.

Precautionary Statements - Storage
Store in a well-ventilated place. Keep container tightly closed.
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
None known

Unknown Toxicity
< 1% of the mixture consisting of ingredient(s) of unknown toxicity.

Other information

PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Polyurethane Acrylate Oligomer	Exempt	50-60	*
2-Hydroxyethyl Methacrylate	868-77-9	10-15	*
Hydroxypropyl Methacrylate	27813-02-1	10-15	*
Polyethylene Glycol 400 Dimethacrylate	25852-47-5	1-6	*
Isopropyl alcohol	67-63-0	0-3	*
n-Butyl Acetate	123-86-4	0-3	*
Ethyl Acetate	141-78-6	0-3	*
Hydroxycyclohexyl Phenyl Ketone	947-19-3	1-2	*
TPO	75980-60-8	1-2	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General Advice Show this safety data sheet to the doctor in attendance.

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction.

Inhalation Remove to fresh air. If symptoms persist, call a physician.

Ingestion Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

Notes to Physician Treat symptomatically. May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Dry chemical or CO2 for small fires and water or regular foam for larger fires.

Unsuitable Extinguishing Media
Do not use water jet or a stream of water since frothing can occur.

Specific Hazards Arising from the Chemical
Highly flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and container may burst, with the risk of a subsequent explosion. Run off to sewer may create fire or explosion hazard.

Uniform Fire Code Sensitizer: Liquid
Flammable Liquid: I-C
Flashpoint: < 49°C / <120°F

Hazardous Combustion Products
Oxides of Nitrogen, Oxides of Carbon, Carbon aldehyde, Methane

Sensitivity to Static Discharge Yes.

Special protective actions for fire fighters
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. Move containers from fire if this can be done without risk. Use water spray to keep fire exposed containers cool.

Protective equipment and precautions for firefighters
Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Move containers from fire area if you can do it without risk.

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. Shut off ignition sources. No flares, smoking or flame in hazard area. 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 information in “For non-emergency personnel”.
When handling, the product must be grounded. Stop leak if you can do it without risk.

Other Information
Water spray may reduce vapor; but may not prevent ignition in closed spaces.

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 and air).

Methods and material for containment and cleaning up

Small Spill
Stop leak if without risk
A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Large Spill
Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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.

Methods for cleaning up
Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers.

Incompatible Products

Strong oxidizing agents. Acids. Bases. Chlorinated compounds.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Butyl acetate 123-86-4	STEL: 200 ppm TWA: 150 ppm	TWA: 150 ppm TWA: 710 mg/m³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m³ STEL: 200 ppm
Ethyl acetate 141-78-6	TWA: 400 ppm	TWA: 400 ppm TWA: 1400 mg/m³ (vacated) TWA: 400 ppm (vacated) TWA: 1400 mg/m³	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m³
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m³	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m³

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters.

Appropriate Engineering Controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

None required for consumer use. If splashes are likely to occur: Tight sealing safety goggles.

Skin and Body Protection

Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced,

ventilation and evacuation may be required.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	**:** Liquid
Appearance	: Viscous liquid
Color	: Various
Odor	: Solvent

Property	
pH	: Not available
Melting Point	: Not available
Boiling Point	: Not Available
Flash Point	: <49 ^{0}C (<120 ^{0}F)
Lower and Upper explosive (Flammable) Limits	: Not available
Vapor Pressure	: Not available
Vapor Density	: Not available
Sp Gravity	: 1.0-1.15
Solubility	: insoluble in water
Solubility in Water	: Not available
Particion Coefficient n-Octane/water	: Not Available
Auto-ignition temperature	: Not available
Viscosity	: Not Available
Oxidizing Properties	: Not Available
Auto ignition temperature	: Not Available
Decomposition temperature	: Not Available
Other information	
Softening Point	: Not Available
VOC Content (%)	: Not Available
Particle Size	: Not Available
Particle size distribution	: No data
Particle Size	: No data

10. STABILITY AND REACTIVITY

Product Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Hazardous Polymerization
Hazardous polymerization may occur. Uncontrolled polymerization may cause rapid heat and increased pressure that could result in the violent rupture of storage containers.

Conditions to avoid
Heat, flames and sparks.

Incompatible materials
Polymerization initiators such as peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, and strong bases.

Hazardous Decomposition Products
Oxides of Carbon.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Product does not present an acute toxicity hazard based on known or supplied information. Product should be handled with care.

Inhalation Specific test data for the substance or mixture is not available.

Eye Contact Specific test data for the substance or mixture is not available.

Skin Contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects No information available.

Reproductive Toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity No known effect based on information supplied.

Target Organ Effects No information available.

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information
No information available.

Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen or probable carcinogen or possible carcinogen or not classifiable as to carcinogenicity in humans.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol 67-63-0		Group 3		

IARC (International Agency for Research on Cancer)
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X – Found to be a potential carcinogen by OSHA

12. ECOLOGICAL INFORMATION

Eco toxicity There is no specific data available for this product. However, very large releases of this product may be toxic to aquatic life.

Persistence and Degradability No information available.

Bioaccumulation No specific information available for this product.

Other adverse effects No information available.

Ingredient Name	Result	Species	Exposure
Ethyl acetate	Acute LC50 18000 µg/l Fresh water Acute EC50 2500000 µg/l Fresh water Acute LC50 750000 µg/l Fresh water Acute LC50 154000 µg/l Fresh water Acute LC50 212500 µg/l Fresh water Chronic NOEC 2400 µg/l Fresh water Chronic NOEC 75.6 mg/l Fresh water	Fish-Pimephales promelas Algae- Selenastrum sp Crustaceans - Gammarus pulex Daphnia- Daphnia cucullata Fish - Heteropneustes fossilis Daphnia - Daphnia magna Fish - Pimephales promelas-embryos	96 hours 96 hours 48 hours 48 hours 96 hours 21 days 32 days
Isopropyl alcohol	Acute LC50 1400000 µg/l Marine water Acute LC 50 1400000 ug/l	Crustaceans - Crangon crangon Fish- Gambusia affinis	48 hours 96 hours

Other adverse effects No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods
This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging
Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number
D001 (Ignitable)

Chemical Name	RCRA	RCRA - Basis for	RCRA - D Series	RCRA - U Series
Ethyl acetate 141-78-6		Included in waste stream: F039		U112

California Hazardous Waste Codes 271 (Organic Monomer waste, includes unreacted resins)

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical	California Hazardous Waste
Ethyl acetate 141-78-6	Toxic Ignitable
Butyl acetate 123-86-4	Toxic
Isopropyl alcohol 67-63-0	Toxic Ignitable

14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID Classification	IMDG Classification	IATA Classification
UN Number	1993	1993	1993	1993	1993	1993
Transport hazard class	**3**	**3**	**3**	**3**	**3.2**	**3**
Packing group	III	III	III	III	III	III
Proper Shipping name	UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII	UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII	UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII	UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII	UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII	UN1993, Flammable Liquids, n.o.s., (Isopropyl Alcohol, n-Butyl Acetate), 3, PGIII

Flashpoint < 49 ^{0}C (<120 ^{0}F)

Special precautions for use:
Transport within Users premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or leakage.

Transport in Bulk according to Annex II or MARPOL 73/78 and IBC Cod Not available

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL All components are listed either on the DSL or NDSL.
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold
Isopropyl alcohol - 67-63-0	67-63-0	0-3	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Reactive Hazard	Yes

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous
Butyl acetate 123-86-4	5000 lb			X

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances	RQ
Ethyl acetate 141-78-6	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65
This product does not contain Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Minnesota
Ethyl acetate 141-78-6	X	X	X	X	X
Butyl acetate 123-86-4	X	X	X	X	X
Isopropyl alcohol 67-63-0	X	X	X	X	X

International Regulations

Mexico
National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Ethyl acetate 141-78-6 (10 - 30)		Mexico: TWA= 400 ppm Mexico: TWA= 1400 mg/m^3
Butyl acetate 123-86-4 (10 - 30)		Mexico: TWA 150 ppm Mexico: TWA 710 mg/m^3 Mexico: STEL 200 ppm Mexico: STEL 950 mg/m^3
Isopropyl alcohol 67-63-0 (1 - 5)		Mexico: TWA 400 ppm Mexico: TWA 980 mg/m^3 Mexico: STEL 500 ppm Mexico: STEL 1225 mg/m^3

Mexico - Occupational Exposure Limits - Carcinogens

Canada
WHMIS Hazard Class
Hydroxypropyl Methacrylate CAS #27813-02-1 WHMIS = D2B
Hydroxycyclohexyl phenyl ketone CAS# 947-19-3 WHMIS = n/da
2-Hydroxyethyl Methacrylate CAS# 868-77-9 WHMIS = n/da
Isopropyl Alcohol CAS# 67-63-0 WHMIS = B2, D2B
Butyl Acetate CAS# 123-86-4 WHMIS = B2,D1B, D2B
Ethyl Acetate CAS# 141-78-6 WHMIS = n/da
B2 - Flammable liquid
D1B – Immediate effects Toxic materials
D2B - Toxic materials

WHMIS HAZ Symbols

16. OTHER INFORMATION

NFPA	**Health Hazards** 2	**Flammability** 2	**Reactivity** 1		
HMIS	**Health Hazards** 2	**Flammability** 2	**Reactivity** 1	**Personal Protection**	X

Comments	Corrections
Revision Date	04-Aug-2016
Revision #	4
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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet