

Section 1 – Identification

Product Name:	Ugly Duckling Clear UV Only Gel	Manufacturer: Ugly Duckling Nails Inc. 3746 Duke Road, Victoria, BC, Canada, V9C 4B4
Chemical Name:	N/A	Information Contacts: (250) 590-5977
Family: UV GELS	GEL Type: TYPE 3	Emergency Phone Numbers: (800) 535-5053 (US, Canada & Mexico) (352) 323-3500 (International)
Product Use: NAIL GEL		

Section 2 - Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause eye irritation.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry	Although no specific information is available, please use heightened caution when handling this material.
Eye	Contains some materials that are essentially nonirritating, however contact may cause moderate irritation. Signs of irritation may include a burning sensation, tearing, redness, or swelling. Product contains Methacrylic acid, which has been known to cause corneal damage in full strength applications.
Skin	Causes moderate skin irritation (such as reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Methacrylic acid is a potential skin sensitizer.
Ingestion	This material is expected to be a moderate ingestion hazard. May cause slight corrosion of tissue in the esophagus and digestive tract.
Inhalation	Low volatility makes vapor inhalation unlikely. However, aerosols or vapors which may be generated at elevated processing temperatures, may cause respiratory tract irritation. Symptoms of irritation may include coughing, nasal irritation, mucous production, and shortness of breath..
Sub-Chronic Effects	No specific information available.

NOTE: Refer to Section 11, Toxicological Information for Details

Section 3 - Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Polyurethane Acrylate Oligomer	Exempt	N/E	Di-Hema Trimethylhexyl Dicarbamate*	N/E	N/E	Not Listed	85-90
Hydroxycyclohexyl phenyl ketone	947-19-3	213-426-9	Hydroxycyclohexyl phenyl ketone	N/E	N/E	Not Listed	0-5
Acrylic acid	79-10-7	201-177-9	N/E	N/E	2 ppm	Group 3/no/no	0-5
Benzophenone	119-61-9	204-337-6	Benzophenone	N/E	N/E	Not Listed	0-1
D&C Violet #2	81-48-1	201-353-5	CI60725	N/E	N/E	Not Listed	0-1
N/E - None Established N/R - Not Reviewed	N/DA - No Data Available N/A - Not Available		* See section 16				

Polyurethane Acrylate Oligomer:	Hazard Symbol: Xi	Risk Phrases: R36/37/38	Safety Phrases: S3/7, S36/37, S62
Hydroxycyclohexyl Phenyl Ketone:	Hazard Symbol: Xi	Risk Phrases: R36, R37, R38	Safety Phrases: S26, S37
Acrylic Acid:	Hazard Symbol: C, N	Risk Phrases: R10, R20/21/22, R35, R50	Safety Phrases: S1/2, S26, S36/37/39, S45, S61

See Section 16 for Risk and Safety Phrase Key

Section 4 - First Aid Measures

First Aid for Eye	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently for 15 min. with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.
First Aid for Skin	Remove contaminated clothing and wash contact area with soap and water for 15 minutes.
First Aid for Inhalation	In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.
First Aid for Ingestion	If appreciable quantities are swallowed, give lukewarm water (pint) if victim is completely conscious/alert. Do not induce vomiting, risk of damage to lungs exceeds poisoning risk. Seek emergency medical attention.

Section 5 - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
> 212°F/100°C Setaflash	No Data	No Data

Method:

Extinguishing Media:	Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.
Fire Fighting Instructions:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.
Unusual Hazards:	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

Section 6 - Accidental Release Measures

Spill or Release Procedures -	Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Dike and recover large spills. Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean-up. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washings from entering waterways.
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Section 7 - Handling and Storage

Handling	Ground and bond containers when transferring material. Avoid contact with skin and eyes, and clothing. Use with adequate ventilation and avoid breathing in vapor. Keep container closed when not in use. Avoid contact with heat, sparks and flame. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Material is UV light sensitive, avoid prolonged exposure to light/heat.
Storage	Keep away from heat, sparks, and flame. Store in a tightly closed container. Store in a cool, dry, well-ventilated place, away from any type of light. Store at temperatures below 100°F/38°C.
Explosion Hazard	High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls Local exhaust recommended to control exposure which may result from operations generating aerosols and hot operations generating vapors.

Personal Protective Equipment

General To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/ Face Protection Chemical splash goggles.

Skin Protection Impervious gloves (Neoprene).

Respiratory Protection A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Section 9 - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear, mobile liquid	characteristic acrylate odor	NA	(H2O=1) : 1.12	N/DA	By Volume: < 0.5

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/A	N/A	N/A	(mm Hg) @ 20 °C:<0.01	No Data	No Data	No Data	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
> 212°F/100°C Setflash	No Data	No Data

Section 10 - Stability and Reactivity

Stability
Normally Stable

Hazardous Decomposition Products:

Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide.

Conditions to Avoid:

Storage > 100 ° F , exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Incompatibility (Materials to Avoid):

Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron ,rust and string bases.

Hazardous Polymerization:

May occur -- Uncontrolled polymerization may cause rapid evolution of heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
Oral (Rat) LD50 : <1 g/kg	Dermal(Rabbit) LD50: >2 g/kg	No information available	No information available	Eye (Rabbit): 0.67 (Scale 0-110)
Since this product contains a very low concentration of active components, the primary toxicological information is derived from the oligomers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.				
Sensitization		Mutagenicity		Sub-chronic Toxicity
No information available		No information available		No information available

Section 12 - Ecological Information

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
No information available	No information available	No information available	No information available	No information available

Chemical Fate Information

Biodegradability	No information available
Chemical Oxygen Demand	No information available

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil.

Section 13 - Disposal Considerations

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations. Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

Section 14 - Transport Information

DOT (49 CFR 172)	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	
Other Information:	Flash point > 100°C

Section 15 - Regulatory Information

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> • Benzophenone, CAS# 119-61-9 (SOCMI) • Acrylic Acid, CAS# 79-10-7 (HAP). This product does not contain any Class1 or Class 2 ODS.
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains the following chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> • Acrylic Acid, CAS# 79-10-7 RQ(lbs.): 5,000
SARA Title III: Section 311-312:	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
SARA Title III: Section 313:	This product contains the following chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: <ul style="list-style-type: none"> • Acrylic Acid, CAS# 79-10-7.
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.

State Regulations

CA Right-to-Know Law: California No Significant Risk Rule:	Acrylic Acid CAS #79-10-7. NONE
MA Right-to-Know Law:	Acrylic Acid CAS #79-10-7.
NJ Right-to-Know Law:	Acrylic Acid CAS #79-10-7.
PA Right-to-Know Law:	Acrylic Acid CAS #79-10-7.
FL Right-to-Know Law:	Acrylic Acid CAS #79-10-7.
MN Right-to-Know Law	Benzophenone CAS #119-61-9

International Regulations

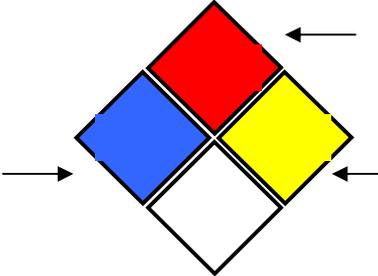
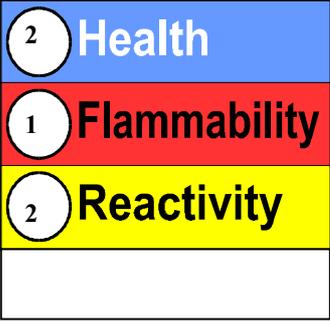
CDSL: Canadian Inventory (on Canadian Transitional List)	Benzophenone CAS #119-61-9 is on the DSL List. WHMIS = n/da Acrylic Acid CAS #79-10-7 is on the DSL List. WHMIS = B2, E, D1A, F Hydroxycyclohexyl phenyl ketone CAS#947-19-3 is on the DSL list. WHMIS = n/da
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<p>European Community:</p> 	<p>Premium Gel Clear:</p> <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi: Irritant RISK PHRASES: R22: Harmful if swallowed, R34: May cause burns, R36/38: Irritating to eyes and skin SAFETY PHRASES: S18: Handle and open container with care, S24/25: avoid contact with skin and eyes, S36/37: Wear suitable protective clothing and gloves, S38: in case of insufficient ventilation, wear suitable respiratory equipment.
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Section 16 - Other Information

<p>Hazard Symbols: Xi – Irritants C – Corrosive substances or preparations N – Substances or preparations which are dangerous for the environment</p> <p>Risk Phrases: R10 Flammable; R20/21/22 Harmful by inhalation, in contact with skin and if swallowed; R36/37/38 Irritating to eyes, respiratory system and skin; R35 Causes severe burns; R50 Very toxic to aquatic organisms</p> <p>Safety Phrases: S(1/2) Keep locked up and out of the reach of children; S3/7 Keep container tightly closed in a cool place; S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S36/37 Wear suitable protective clothing and gloves; S36/37/39 Wear suitable protective clothing, gloves and eye/face protection; S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible); S61 Avoid release to the environment; S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label</p>

Hazard Rating System (Pictograms)

<p>NFPA:</p> 	<p>HMIS:</p> 
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MSDS Prepared by:	BSQ
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Revision History:	11/29/2000
	12/08/2003
	09/22/2004 – Update section headers and section 2 content.
	07/09/2007 – Update section 1, 2 and 11.
	04/30/2008 Updated INCI name for Polyurethane Acrylate Oligomer. * Most Keystone gels are composed of oligomers made primarily from urethane (meth)acrylates. Keystone is using the designation Di HEMA Trimethylhexyl Dicarbamate, the official INCI name of urethane dimethacrylate.

	which is substantially the equivalent of Polyurethane Acrylate Oligomer..
	09/17/2008 Updated section 16
	10/22/2008 Updated format
	11/26/2008 Updated Risk and Safety Phrases
	12/09/2008 Updated specific gravity
	03/18/2009 Updated to meet Globally Harmonized System requirements. Added the EU address to section 1. Switched location of section 2 with section 3. Changed the title in sections 1, 8, and 13. Moved MSDS preparation to section 16.
	01/25/2010 Added international emergency phone number to section 1.

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