FUZION
where beauty meets technology

Cleanzer MSDS

Section 1 - Product Identification:

Product Identifier Fuzion Cleanzer			WHMIS Classification
Product Use To remove UV gel residue from gel nail enhancements and to dehydrate the natural nail prior to application.			
Manufacturer's Name Fuzion Gel LTD		Supplier's Name Fuzion Gel LTD	
Street Address 100-18211 105th Ave.		Street Address 100-18211 105th Ave.	
City Edmonton	Province Alberta	City Edmonton	Province Alberta
Postal Code T5S 2L5	Emergency Telephone 1 (844) 748-9324	Postal Code T5S 2L5	Emergency Telephone 1 (844) 748-9324
Date MSDS Prepared April 6, 2021	MSDS Prepared By Fuzion Gel LTD (SM-MCN)		Phone Number 1 (844) 748-9324

Section 2 - Hazardous Ingredients:

Hazardous Ingredients (specific)	**%**	**CAS Number**	**LD_{50} of Ingredient (specify species and route)**	**LC_{50} of Ingredient (specify species)**
Dimethyl keytone	70 - 80	67-64-1	5800 mg/kg (Rat / Oral)	Not Available
Propanol-2	10 - 20	67-63-0	5045 mg/kg (Rat / Oral)	16970 ppm/4H (Rat / Inhalation)
Propylene glycol	0 - 5	57-55-6	20000 mg/kg (Rat / Oral)	Not Available
Citric acid	0 - 5	77-92-9	5040 mg/kg (Rat / Oral)	Not Available
Sodium benzote	0 - 5	532-32-1	4070 mg/kg (Rat / Oral)	Not Available

Section 3 - Physical Data:

Physical State Liquid	Odour and Appearance Alcohol/slightly fruity		Odour Threshold (ppm) Not Available
Specific Gravity 0.78-0.79 @ 20°C	Vapour Density (air=1) 2	Vapour Pressure (mmHg) Not Available	Evaporation Rate Not Available
Boiling Point(°C) Not Available	Freezing Point (°C) Not Available	pH Not Available	Coefficient of Water/Oil Distribution Not Available

Section 4 - Fire and Explosion Data:

Flammability Yes	If yes, under which conditions? Vapours are very flammable.	
Means of Extinction Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.		
Flashpoint (°C) and Method 0°C (Tag Closed Cup)	Upper Flammable Limit (% by volume) 12%	Lower Flammable Limit (% by volume) 2%

Autoignition Temperature (°C)	Explosion Data – Sensitivity to Impact	Explosion Data – Sensitivity to Static Discharge
No Data	No	Vapours are very flammable.

Hazardous Combustion Products

Carbon monoxide. Carbon Dioxide. Other products depend on presence of other materials, quantity of air and rate of air flow.

NFPA

Health - 1

Flamability - 3

Reactivity - 0

Section 5 - Reactivity Data:

Chemical Stability	If no, under which conditions?
Yes	-
Incompatibility with Other Substances	If yes, which ones?
Yes	Aldehydes. Halogenated organics. Halogens. Strong acids. Strong oxidizers. Peroxides

Reactivity, and under what conditions?

No

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide.

Section 6 - Toxicological Properties:

Route of Entry	X	Skin Contact	X	Skin Absorption	X	Eye Contact	X	Inhalation	X	Ingestion

Effects of Acute Exposure to Product

Low toxicity. May cause lung damage if swallowed as well as upper digestive tract irritation.

Effects of Chronic Exposure to Product

Prolonged excessive exposure may cause adverse effects. Excessive exposure (400 ppm) to isopropanol may cause eye, nose and throat irritation. Incoordination, confusion, hypotension, hypothermia, circulatory collapse, respiratory arrest and death may follow a longer duration or higher levels. Can cause dermatitis due to defatting of the skin.

Exposure Limits (value, source, date)	Irritancy (if yes, explain)
Not Available	Yes - Irritant
Sensitization (if yes, explain)	Carcinogenicity (if yes, explain)
No	Group 3 / A4
Reproductive Toxicity (if yes, explain)	Teratogenicity (if yes, explain)
No	Yes
Mutagenicity (if yes, explain)	Synergistic Products (if yes, explain)
N/A	No

Section 7 - Preventative Measures:

Personal Protective Equipment	X	Gloves	X	Respirator	X	Eye		Footwear		Clothing		Other

If checked, specify type

Respirator: NIOSH approved supplied air respirator when airborne concentrations exceed exposure limits.

Gloves: Polyethylene gloves. Natural rubber gloves. Neoprene gloves. Nitrile gloves. Ethyl Vinyl Alcohol Laminate (EVAL).

Polyvinylchloride (PVC) gloves.

Eyes: Safety Glasses

Engineering Controls (specify, such as ventilation, enclosed process)

Concentrations in air should be maintained below lower explosive limit at all times or below the recommended threshold limit value if unprotected personnel are involved. Make up air should always be supplied to balance air exhausted (either generally or locally). Electrical

and mechanical equipment should be explosion proof. Mechanical ventilation is recommended for all indoor situations to control fugitive emissions.

Leak and Spill Procedure

Prevent from entering soil, ditches, sewers, waterways and/or groundwater. Procedure for Clean Up: Contain spill by diking. Collect in suitable and properly labeled containers using absorbent material or pumps. Apply vapour suppression foam until spill can be cleaned up. Pump with explosion-proof equipment. Take precautionary measures against static discharge.

Waste Disposal

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

Handling Procedures and Equipment

Flammable. Do not cut, drill, grind, weld or perform similar operations on or near containers. Vapours may accumulate and travel to distant ignition sources and flashback. Empty containers may contain hazardous product residues. Fixed equipment as well as transfer containers and equipment should be grounded to prevent accumulation of static charge. Hot surfaces may be sufficient to ignite liquid even in the absence of sparks or flames. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapours are gone. Do not pressurize drum containers to empty them. Avoid breathing vapours and prolonged or repeated contact with skin. Launder contaminated clothing prior to reuse. Air-dry contaminated clothing in a well ventilated area before laundering. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Restrict line velocity during pumping in order to avoid generation of electrostatic discharge (<=1 m/sec until pipe is submerged to twice it's diameter, then <=7 m/sec). Avoid splash filling. Do NOT use compressed air for filling, discharging, or handling operations. Extinguish any naked flames.

Storage Requirements

Store in a cool, dry, well ventilated area, away from heat and ignition sources. Bulk storage tanks should be diked. Vapours from tanks should not be released to atmosphere. Use explosion-proof ventilation to prevent vapour accumulation. Keep away from aerosols, flammables, oxidizing agents and corrosives. For containers or container linings use mild steel or stainless steel.

Special Shipping Information	PIN
Flammable	

Section 8 - First Aid Measures:

Inhalation

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

Ingestion

Do not induce vomiting. Guard against aspiration into lungs by having the individual turn on to their left side. Do not give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Seek immediate medical attention.

Skin Contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.

Eye Contact

In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

Section 9 - Preparation Information:

Prepared by (Group, Department, etc.)	Telephone Number	Preparation Date
Fuzio Gel LTD (SM-UNI)	1 (844) 748-9324	April 6th, 2021

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